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CENTENNIAL PROCLAMATION

BE IT PROCLAIMED THAT ON THIS
SIXTEENTH DAY OF JANUARY 1952
THE MOUNT SINAI HOSPITAL OF
NEW YORK MARKS THE HUNDREDTH
ANNIVERSARY OF ITS INCORPORATION.

In observance thereof, the Board of Trustees recalls the
spirit of charity of the Hospital Founders & the benevolence
of the historic beginnings they wrought. Similarly the Board
recalls with pride the achievements of other generations
whose selflessness and vision helped elevate the Hospital to
its present state of eminence.

And in the new century we invoke the cooperation of all in
strengthening the bonds between science and philanthropy
for the advancement of medicine as a servant of mankind.

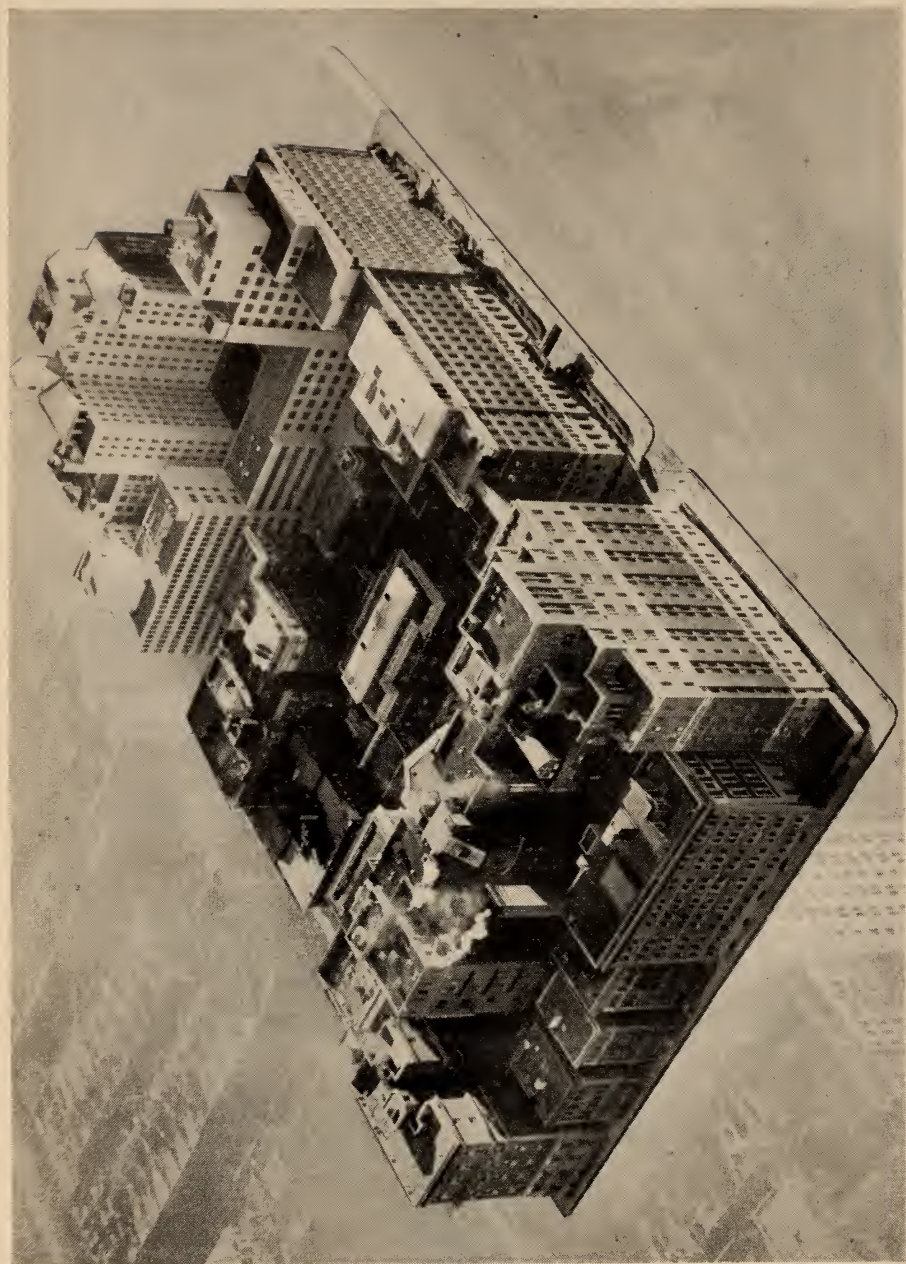
Alfred Rose

PRESIDENT - THE BOARD OF TRUSTEES

Gene J. Arthurs

CHAIRMAN - THE CENTENNIAL COMMITTEE





THE MOUNT SINAI HOSPITAL OF NEW YORK

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The Mount Sinai Hospital is a member of the Federation of Jewish Philanthropies of New York, and a beneficiary of its fund-raising campaigns. It benefits generously also from yearly grants from the Greater New York Fund and from the United Hospital Fund.



TWENTY-EIGHTH STREET BUILDING: 1855-1872

1852 • A CENTURY OF MILESTONES • 1952

- 1852 The Jews' Hospital in New York is incorporated for "benevolent, charitable and scientific purposes." Sampson Simson is the first President.
- 1855 The new Hospital is opened on May 17th, in a four-story building with 45 beds, at 138 West 28th Street, between Seventh and Eighth Avenues. The original Staff of ten men includes Dr. Valentine Mott and Dr. Willard Parker. In accordance with the usage of the period, there is no separation of Medical and Surgical Services, because surgery is not considered sufficiently important; nor are there any specialized services.
- 1856 In its first full year the Hospital cares for 225 patients. Operating expenses total \$5,493.
- 1862 The Hospital opens its wards to wounded Federal soldiers of the Civil War, installing additional beds and increasing its personnel for the purpose.
- 1866 To make it clear that the Hospital serves the community without distinction of race or religion, its name is changed to The Mount Sinai Hospital.
- 1868 The Ladies' Auxiliary Society is formed to assist in the work of the Hospital.
- 1872 The Hospital is moved into a new 3½-story building with a capacity of 120 beds, on Lexington Avenue from 66th to 67th Streets.

- 1872 The Medical Board and House Staff are organized at a meeting at the home of Dr. Willard Parker, who becomes first Chairman of the Board.
- 1872 The Hospital takes a bold step forward by appointing two women to professional positions—one to the House Staff and the other as Apothecary.
- 1873 The Outdoor Dispensary (Out-Patient Department) is formally established, with four divisions: Medical, Surgical, Gynecological, and Children's.
- 1877 Reflecting the advances in surgery and increase in surgical practice, the Hospital establishes separate in-patient Medical and Surgical Services.
- 1877 An in-patient Gynecological Department is established, headed by Dr. Emil Noeggerath, pioneer in the study of gonorrhea.
- 1878 Creating a precedent among New York hospitals, a separate service for in-patient care of children is established, through a legacy from Michael Reese of California. Dr. Abraham Jacobi heads this department.
- 1879 An Eye and Ear Service is organized, headed by Dr. Emil Gruening, who in 1888 performs one of the early mastoid operations in America.
- 1880 Dr. Arpad G. Gerster, early champion of Listerian surgery, is appointed Attending Surgeon.
- 1881 The School of Nursing is established, one of the country's pioneer nurses' training institutions. There are eight students when the School opens.
- 1883 Dr. Alfred Meyer begins the Hospital's Medical Library and looks after it for more than a decade when a Committee of the Medical Board is appointed to develop it further as the future Abraham Jacobi Library.
- 1883 The Hospital building is enlarged to a capacity of 190 beds, and an isolation building is added. Space for private patients is increased, indicating the emergence of the modern hospital as a medical center for all instead of an institution for the poor only.
- 1883 Dr. Edward Gamaliel Janeway, one of the great diagnosticians of his time, is appointed to the Staff.
- 1886 The Hospital grants its diploma to Dr. Josephine Walter, first woman in America to serve a formal internship.
- 1886 To relieve overcrowding of the Hospital and to care for patients who can be treated at home, a District Medical Service is organized, first of its kind in the city.
- 1890 The Out-Patient Department is greatly expanded, housed in a new building. Neurological, skin, and venereal disease clinics are established.
- 1893 The Laboratory is established, housed in a cloak room "not much larger than a bird's cage."
- 1895 The Genitourinary Service is established, with Dr. William F. Fluhrer as its first chief.

- 1900 The Hospital purchases its first X-ray machine.
- 1901 The cornerstone of the present group of hospital buildings is laid on May 22nd with Mayor Seth Low among the distinguished participants. The original ten buildings have a bed capacity of 456.
- 1904 The new Hospital buildings are dedicated on March 15th.
- 1905 A Department of Dietetics is established.
- 1906 The Social Service is formed, one of the earliest hospital services of this type in the country.
- 1909 An independent Otological Service is established.
- 1910 The Dental Department for in-patients is established—extended to the Out-Patient Department in 1925.
- 1910 The Hospital begins post-graduate medical instruction. Under-graduate medical instruction to students attending two of the city's medical schools had preceded it by several years.
- 1913 A large building program is initiated. Funds are collected for the Children's Pavilion and Dispensary, Private Pavilion, Laboratory Building, Director's Home, and Employees' Dormitory.
- 1916 Mount Sinai organizes Base Hospital No. 3 of the United States Army Medical Corps. In 1918, 24 physicians, 50 nurses, and 153 enlisted personnel serve with this Unit at Vauclaire, France.
- 1916 The Social Service Auxiliary is formed by women volunteers who attend to many wants of convalescent patients and of patients' families.
- 1917 The Federation for the Support of Jewish Philanthropic Societies is organized, with Mount Sinai as one of its constituents.
- 1920 The Psychiatry Clinic, one of the earliest in a general hospital, is established.
- 1922 The Private Pavilion, the Children's Pavilion, and the Blumenthal Auditorium are opened.
- 1924 The Occupational Therapy Department is established.
- 1925 A beginning is made toward establishment of an endowment fund for support of medical research, hitherto precariously dependent on occasional donations.
- 1927 The new building of the School of Nursing is completed, accommodating 476 residents.
- 1931 The Consultation Service is established, providing diagnostic service by specialists for patients of moderate means referred by their own physicians.
- 1931 The Semi-Private Pavilion is opened, increasing the capacity of the Hospital to over 800 beds. Group nursing, providing 24-hour nursing care at a much reduced cost, is introduced in this Pavilion.

- 1932 A separate Neurosurgical Service is created.
- 1933 To keep up the morale of convalescent patients, unemployed because of the depression, the Social Service Workroom is established.
- 1933 The Out-Patient Department building is modernized.
- 1934 The *Journal of The Mount Sinai Hospital* is established. It is distributed to universities and medical libraries throughout the world.
- 1935 The Medical and Surgical Pavilions are modernized.
- 1936 The Neustadter Home in Yonkers is affiliated with the Hospital as its institution for convalescents.
- 1936 The Isolation Ward is rebuilt and becomes the first in the city approved by the Department of Health for private patients.
- 1938 The Blood Bank is established under the direction of the Department of Hematology.
- 1939 Radiotherapy is separated from Roentgenology and established as an independent department.
- 1940 The Third General Hospital of the United States Army is organized at the invitation of the War Department.
- 1940 The Hospital collects blood plasma for Britain from volunteer donors. At the close of 1944, over sixteen thousand people had volunteered as donors to the Hospital's own Blood Bank.
- 1942 The Third General Hospital of the United States Army is activated and leaves in 1943 for service in North Africa, Italy, and France.
- 1943 Semi-Private facilities are provided for children.
- 1944 The Greater Mount Sinai Development Fund is initiated for a post-war building and research program.
- 1944 Full-time positions are created in the Hospital for a Director of Medical Education and a Director of Clinical Research.
- 1945 The Third General Hospital returns from duty overseas.
- 1945 A separate Psychiatry Service is established and a full-time position is created for a Psychiatrist to the Hospital.
- 1946 Physicians, nurses, employees, and trustees who had served with the Armed Forces numbered nearly 900 before the end of hostilities.
- 1947 A separate Psychiatric Ward is opened.
- 1948 Greater Mount Sinai Hospital Development building program is initiated. Ground broken for three buildings — the Maternity Pavilion, the Central Laboratory Building and the Berg Institute of Research, and work is begun on central kitchens.

- 1949 The Hospital appoints its first full-time Chief of Pediatrics and a new Pediatric Laboratory is built with funds of the Dorothy H. and Lewis Rosenstiel Foundation.
- 1950 The Board of Trustees creates the position of full-time surgeon and full-time neuropathologist.
- 1951 Exterior construction is completed of the Maternity Pavilion, Atran Laboratory and Berg Institute of Research.
- 1952 The Hospital marks the hundredth anniversary of its incorporation. (See The Report of the President.)

The Hospital dedicates the Magdalene and Charles Klingenstein Maternity Pavilion, the first in its history, the Atran Laboratory Building and the Berg Institute of Research.

The Prenatal Clinic enrolls its first patients in July and the first maternity cases are admitted in October.

Dr. Mark M. Ravitch is appointed full-time Surgeon to the Hospital, filling for the first time a position created in 1950 by the Board of Trustees. Dr. Alan F. Guttmacher is appointed full-time Obstetrician and Gynecologist to the Hospital.

STATISTICAL SUMMARY

Year	Patients Treated in Hospital	Hospital Days	Consultations in Out-Patient Department †	Total Disbursements for All Maintenance and Non-Budgetary Purposes (Non-Capital)
1857.....	216	6,048*	None	\$9,000.00
1860.....	297	8,316*	None	14,000.00
1870.....	663	18,564*	None	20,000.00
1880.....	1,474	43,164	9,922	44,376.10
1890.....	2,862	65,255	43,560	100,000.00
1900.....	3,145	75,113	86,431	135,272.00
1910.....	7,613	149,198	115,726	410,000.00
1920.....	9,548	146,841	173,682	899,704.97
1930.....	12,179	193,482	222,489	1,785,244.23
1940.....	17,275	236,851	357,567	2,398,595.02
1950.....	15,257	229,808	236,185	5,528,873.40
1951.....	15,455	226,765	207,338	6,374,871.49
1952.....	15,776	223,514	198,265	7,348,828.93

* Estimated.

† Does not include visits to the Emergency Department or to the Consultation Service.

STATISTICS

*For the Year Ended December 31, 1952 **
And the Year Ended December 31, 1951

HOSPITAL PATIENTS—GENERAL WARDS AND PRIVATE ROOMS

	1952	1951
Patients in Hospital at beginning of year ¹	553	533
Patients admitted during year ²	15,223	14,922
Total number of patients treated in Hospital during year (Emergency Ward not included)	15,776	15,455
Remaining in Hospital at end of year ¹	611	553
Patients treated in Emergency Room (not admitted) ³	37,671	35,305
Total number of patients admitted since the Hospital was founded	650,564	635,341
Patients discharged during year.....	15,165	14,902
Patients died during year.....	727	647
Average number of patients per day.....	611	621
Average Hospital days per patient.....	14.1	14.7
Mortality Rate for the year (all deaths including those which occurred on day of admission).....	4.8%	4.3%

NEWBORN

Births	170	..
Discharges	134	..
Deaths	2	..
Remaining in Hospital at end of year ¹	34	..

Distribution of Days of Hospital care for the years:

	1952		1951	
	No. of Days	%	No. of Days	%
General Wards—free to patients.....	52,163	23.34	56,620	24.97
General Wards—part free to patients	73,149	32.73	73,897	32.59
Semi-Private Pavilion patients.....	58,706	26.26	50,797	22.40
Private Pavilion patients	38,380	17.17	45,451	20.04
Semi-Private Maternity patients.....	594	.27	.....	....
Ward Maternity patients.....	522	.23	.....	....
Total	223,514		226,765	

* On November 1, 1952, one floor of the Klingenstein Maternity Pavilion was opened to receive Semi-Private and Ward Maternity Patients.

¹ Midnight Census

² Excluded internal transfers between Private, Semi-Private and Ward Services

³ Includes emergency dental treatments reported also in Dental Department Statistics

Percentage of total number of patients
treated in various divisions:

	1952		1951	
	<i>Patients Treated</i>	<i>%</i>	<i>Patients Treated</i>	<i>%</i>
General Wards	7,068	44.53	7,293	46.40
Semi-Private Rooms	5,099	32.13	4,464	28.40
Private Rooms	3,505	22.08	3,962	25.20
Semi-Private Maternity Rooms	106	.67	.....	....
Ward Maternity	93	.59	.....	....
Total	15,871		15,719	

Disposition of applications received during the year:	1952	1951
Admitted to General Wards as free to patients ⁴	5,459	5,775
Admitted to General Wards as part free to patients ⁴ ...	1,281	1,226
Admitted to Semi-Private Rooms at rate below cost ⁴ ..	4,972	4,327
Admitted to Private Rooms ⁴	3,407	3,858
Admitted to Semi-Private Maternity Rooms.....	106	....
Admitted to Ward Maternity.....	93	....
Not admitted for various reasons (ward applications)..<	2,160	1,904
Total Applications	17,478	17,090

OUT-PATIENT DEPARTMENT STATISTICS

	1952	1951
Total Visits ⁵	236,405	242,643
Total prescriptions	160,633	161,819
Patients new in year.....	7,630	6,974
Patients from past years.....	9,170	11,781
Total individuals	16,800	18,755
Out-Patient Department days.....	294	294
Daily average prescriptions.....	545	550
Daily average consultations.....	803	825
Average daily attendance of physicians.....	138	143
Average daily attendance of nurses.....	28	26
Maximum consultations on any one day.....	859	958
Maximum prescriptions on any one day.....	994	886

PRE-NATAL CLINIC STATISTICS **

	1952	1951
Total number of patients.....	286	....
Total number of visits.....	1,124	....

⁴ Not adjusted for 95 internal transfers (1952) and 264 internal transfers (1951) between Private, Semi-Private and Ward Services

⁵ Includes emergency visits by out-patients to Accident and Emergency Room.

** On July 28, 1952, the Pre-Natal Clinic was opened to care for Ward maternity patients.

DEPARTMENT OF LABORATORIES

EXAMINATIONS

	1952	1951
Microbiology	33,757	31,590
Surgical Pathology and Morbid Anatomy:		
Examinations of operative specimens.....	7,633	8,278
Post Mortem examinations.....	349	322
Chemistry	75,658	65,241
Clinical Microscopy and Hematology.....	146,977	144,077
Endocrinology	1,058	1,047
Blood Bank	125,069	131,991
Volunteer donors	4,449	5,203
Transfusions given with stored blood.....	8,792	8,871

LABORATORY FOR BASAL METABOLISM

(Hospital Laboratory)⁶

Total number of examinations.....	855	694
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DEPARTMENT OF RADIOLOGY

Radiography:		
Number of examinations	41,227	40,127
Number of films taken	134,177	124,893
Number of fluoroscopic examinations.....	5,801	6,170

RADIOTHERAPY DEPARTMENT

New cases	452	343
Treatments:		
Radiotherapy	7,749	7,762
Radium	93	68
Total.....	7,842	7,830
Number of examinations.....	3,995	4,216
Total number of visits ⁷	11,837	12,046

DEPARTMENT OF PHYSICAL MEDICINE

(Hospital and Out-Patient Department)

Total number of treatments for year.....	51,330	50,311
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⁶ OPD examinations reported in OPD statistics.⁷ Includes 9,066 visits in 1952 and 8,358 visits in 1951 which are reported in OPD consultations.

DEPARTMENT OF DENTAL AND ORAL SURGERY

(Hospital and Out-Patient Department)

	1952	1951
Total number of visits ⁸	10,936	11,295
Total number of treatments.....	18,245	16,526
Maximum number of visits on any one day.....	111	106

ELECTROCARDIOGRAPHY LABORATORY

Total number of examinations.....	8,696	8,553
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ELECTROENCEPHALOGRAPHY LABORATORY

Electroencephalograms	1,237	1,207
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CONSULTATION SERVICE

Patients admitted	2,667	2,866
Referring doctors	1,266	1,710

FOLLOW-UP CLINICS

	No. of Clinic Sessions	No. of Appointments		Cases Closed	Referred for Further Treatments	Referred for Re-Ad- mission
		Given	Kept			
1952....	359	10,945	6,598	482	1,147	247
1951....	362	12,271	7,185	589	1,415	236

OCCUPATIONAL THERAPY DEPARTMENT

Visits to shop and bedside visits:	1952	1951
Functional visits	516	669
Diversional visits	10,847	6,838
Total visits	11,363	7,507
New patients treated.....	542	289

⁸ Include emergency ward visits.

THE REPORT OF THE PRESIDENT

IT is a happy occasion for me to be able to report continued progress at the end of a year which marked the completion by the Hospital of a century of service to the community. This progress was all the more gratifying because it showed that the charitable impulses of that segment of our population which has traditionally befriended Mount Sinai at great moments in the past are now more steadfast than ever in support of the Hospital's great purpose. This steadfastness is the main strength that has enabled the Hospital not only to maintain, but to expand, its services to the sick, while at the same time contributing in such large measure to the brilliant advances in medical science.

There could hardly have been a more felicitous coincidence in Mount Sinai's history than the occurrence precisely during the year's centennial observance of the dedication of the major units of the Hospital's largest expansion since its founding in 1852. In ceremonies on May 23 witnessed by more than 600 friends of the Hospital, most appropriately in the gardens between the old and new building compounds, the Magdalene and Charles Klingenstein Maternity Pavilion, the Atran General Laboratory and the Berg Institute of Research were humbly dedicated to serve all. Governor Thomas E. Dewey and Mayor Vincent R. Impellitteri headed the participating dignitaries. The Governor and the Mayor, in their addresses, stressed the important contribution of Mount Sinai Hospital to the well-being of the people and to medical science.

The centennial celebration, which had begun with a token birthday party, the fixing of anniversary flags to Hospital masts and the publication by the press of historical stories on January 16, the date of our incorporation, was resumed in November with three memorable events. On November 13, some 1,300 men and women gathered at the Waldorf-Astoria to honor Mount Sinai at the Centennial Dinner. In addition to the Governor, who again favored us with his presence and a distinguished address, we were privileged to have with us as a principal speaker Dr. Arthur H. Compton, Chancellor of Washington University in St. Louis and a Nobel Prize-Winner in Physics.

During the month, Random House published the full-length volume, "The First Hundred Years of the Mount Sinai Hospital of New York," by Dr. Joseph Hirsh and Beka Doherty. Although the book, which was well received by reviewers, was made available by the publishers through commercial book channels, the Hospital distributed a great number of copies as anniversary gifts to friends and arranged for additional copies to be had by appropriate libraries, schools and societies.

The final event, and a most memorable one, was a scientific symposium on "Medicine and Society" held in the Blumenthal Auditorium on the weekend of November 29 and 30, in which nine distinguished leaders in various fields of medicine participated. The participants, who gave papers of enduring stature, were: Dr. Richard H. Shryock, director of the Institute of the History of Medicine, Johns Hopkins University; Dr. Paul A. Weiss, professor of zoology, University

of Chicago, and chairman, Committee on Developmental Biology, National Research Council; Dr. Eli Ginzberg, professor of economics, Graduate School of Business, and director, Conservation of Human Resources, Columbia University; Dr. George Baehr, of our consulting staff; Maj. Gen. George E. Armstrong, Surgeon General, U. S. Army; Dr. Leonard Scheele, Surgeon General, U. S. Public Health Service; Dr. William C. Menninger, the psychiatrist; Dr. Austin M. Brues, director, the Division of Biological and Medical Research, Argonne National Laboratory; and Dr. Alan Gregg, vice president of the Rockefeller Foundation. The collected papers were prepared for early publication in a special issue of *The Journal of The Mount Sinai Hospital*.

ON April 28, the new Receiving Department, kitchens and cafeteria were opened for regular service. The old receiving rooms, kitchens and staff and employees dining rooms had been located in scattered areas and the relocation of all of these facilities was accomplished without interruption to the orderly functioning of the Hospital. Some conception of the administrative planning and direction that accomplished this change-over can be gained from the fact that on the first day, in addition to serving the usual meals to patients in the Private Pavilion, Semi-Private Pavilion and Wards, there were served in the newly-opened cafeteria, for staff and employees alone, approximately 2,200 meals. The cafeteria afforded the Hospital its first opportunity to meet the oft-repeated request by employees that they be permitted to buy meals of their own selection at reasonable prices, rather than have set meals as a perquisite.

A further transition occurred on June 17 when 121 patients, with their belongings, were transferred from the Private Pavilion to the Klingenstein Pavilion in a three-hour period without any inconvenience. The relocation was made necessary because "The Greater Mount Sinai Program" included renovation of the Private Pavilion, which could only be begun after the building had been vacated. On the same day there was opened to the public on the lobby floor of the Klingenstein Pavilion, the Hospital's first Gift Shop, which is being staffed by volunteers and operated by our Social Service Auxiliary.

On July 28, the first stage in the activation of the Hospital's full-scale maternity program materialized with the opening of the Prenatal Clinic for women unable to provide for private medical care during pregnancy. The first obstetrical cases were admitted in late October, but only one floor was available to maternity patients pending the re-opening of the completely renovated Private Pavilion.

On August 26, the Hospital opened its first restaurant for visitors which is known as The Coffee Shop and is located adjacent to the cafeteria. The establishment of this handsome facility afforded the Hospital its first opportunity to fulfill a long-standing demand by visitors that they be permitted to dine within the Hospital, rather than to go out to some neighborhood restaurant, and also to offer to employees and others within the Hospital a snack bar and soda fountain for between meal refreshment.

The American College of Physicians and Surgeons invited the Hospital to conduct in October its annual cardiology course for graduate physicians. The

Hospital was particularly gratified at this invitation because it is only rarely that a non-university Hospital is privileged to conduct such a course. The course dealt with recent trends in the diagnosis and treatment of cardiovascular diseases and was held in the Blumenthal Auditorium under the direction of our Dr. Arthur M. Master and Dr. Charles K. Friedberg. The attendance was 150, comprising doctors from 29 states and Canada.

WITH deep regret, I report the following losses through death to the Hospital and its Medical Staff:

Dr. Harry E. Ehrlich, Associate Surgeon for head and neck surgery, died on July 31. Dr. Ehrlich became a member of the staff on April 28, 1947, and had served continuously and with distinction until his unfortunate death.

On November 19, death claimed Dr. Joseph H. Globus, Consulting Neurologist and Consulting Neuropathologist to the Hospital, who had served loyally and continuously for 31 years. Dr. Globus had also been the founder of *The Journal of The Mount Sinai Hospital* and remained its editor to his death.

Dr. David Poll, Consulting Physician to the Hospital, died on December 24. Dr. Poll began his service to the Hospital on the House Staff in 1911 and subsequently served on the Medical Staff until the age of retirement when he became a Consulting Physician.

Other physicians were lost to the Hospital through resignation, most notably Dr. Isidore Snapper, Physician to the Hospital and Chief of the Second Medical Service, who resigned on November 1 to become Director of Medical Education at Cook County Hospital, Chicago. Dr. Snapper, who was one of the first full-time members of the clinical staff, rendered most valuable service to the Hospital and contributed greatly to the reorganization and improvement of the post-graduate education program. Upon his departure he was named Consulting Physician to the Hospital. Dr. Mack Lipkin, Adjunct Physician for Psychosomatic Medicine, and Dr. Leo A. Spiegel and Dr. Daniel M. Lipshutz, Adjunct Psychiatrists, also resigned.

There were many promotions and new appointments to the Medical Staff, two of which merit special comment. With the organization for the first time in the Hospital of a complete obstetrical service to be housed in the new Klingenstein Pavilion, it was believed advisable that so important a service should be directed by a full-time physician of high repute, and Dr. Alan F. Guttmacher, an Associate Professor at the Johns Hopkins Medical School, was invited to become the Director of Obstetrics and Gynecology. Fortunately, Dr. Guttmacher accepted the position and began his services on July 1. In the subjoined list that follows of promotions and changes, many will be described as on the "Obstetrical and Gynecological Service," thereby indicating that the Service was fully organized during the year.

The Hospital, it is well known, has been fortunate for many years in having skilled and distinguished men directing and staffing its surgical services, whose achievements have brought great honor to Mount Sinai. It was long felt, however, that the creation of a new position of Director of Surgery on a full-time basis to reorganize and direct surgical service, education and research would be of great value to the Hospital. Both surgical education and research involve, among other

factors, the assignment and reassignment of members of the Surgical Services and the House Staff to carefully planned tours of duty which will be of increased benefit to patients and staff members. It was felt that such a position required a surgeon of established clinical eminence to work with the existing chiefs. The position was offered to Dr. Mark M. Ravitch, Associate Professor at the Johns Hopkins Medical School, who accepted and assumed his duties here on November 1.

Dr. M. Murray Peshkin, who for many years had served as Associate Pediatrician for Allergy, reached the age of retirement and was elevated to the position of Consulting Pediatrician for Allergy.

Other appointments were as follows: Dr. David Adlersberg and Dr. Henry Dolger, Associate Attending Physician for Metabolic Diseases; Dr. Harry E. Ehrlich, Associate Attending Surgeon for Head and Neck; Dr. Benno Schlesinger and Dr. Emanuel H. Feiring, Associate Attending Neurosurgeon; Dr. I. S. Freiman and Dr. Milton R. Sapirstein, Associate Attending Neurologist; Dr. Alfred E. Fischer and Dr. Sidney Blumenthal, Associate Attending Pediatrician; and Dr. Arthur M. Davids, Dr. Joseph A. Gaines, Dr. Emanuel Klempner, Dr. Harold Speert, Dr. Robert I. Walter and Dr. Seymour Wimpfheimer, Associate Attending Obstetrician and Gynecologist.

Also, Dr. Morris Bien and Dr. Philip A. Lief, Associate Attending Anesthetist; Dr. Lotte Strauss, Associate Pediatric Pathologist (full-time); Dr. Jacques L. Gabrilove, Dr. Alvin J. Gordon, Dr. Ezra M. Greenspan and Dr. Jonas H. Siroto, Assistant Attending Physician; Dr. Arthur Grishman, Assistant Attending Physician for Cardiology; Dr. Henry D. Janowitz, Assistant Attending Physician for Gastroenterology; and Dr. Milton H. Levy, Assistant Attending Physician for Gastroenterology and Gastroscopy.

Also, Dr. Arthur J. Barsky, Associate Attending Surgeon for Plastic Surgery; Dr. Eugene W. Friedman, Assistant Attending Surgeon for Head and Neck Surgery; Dr. Leonard I. Malis, Assistant Attending Neurosurgeon; Dr. Howard P. Krieger and Dr. Morton Nathanson, Assistant Attending Neurologist; Dr. Alfred T. Corvin, Assistant Attending Psychiatrist; and Dr. Howard G. Rapaport, Assistant Attending Pediatrician for Allergy.

The following were appointed Assistant Attending Obstetrician and Gynecologist: Dr. Bernard Berglas, Dr. Hilliard Dubrow, Dr. William A. Epstein, Dr. Arnold N. Fenton, Dr. Robert Landesman, Dr. Louis S. Lapid, Dr. Nathan Mintz, Dr. Norman Pleshette, Dr. Charles S. Poole, Dr. Eugene N. Scadron, Dr. Myron E. Steinberg, Dr. Melvin L. Stone, Dr. Irwin Weiner and Dr. David Zakin.

I REGRET to announce the resignations from the Board of Trustees of Harold D. Wimpfheimer, who had served as a Trustee for 22 years; Walter S. Mack, Jr., who had served 19 years; and Richard E. Deutsch, five years. All three found it necessary to resign because of removal of residence from the city or the pressure of business affairs. Their loss is regretted by the entire Board, which extends to them its thanks for their many years of service and loyalty.

I am pleased to announce the election to the Board of Robert K. Haas, William D. Scholle and William J. Kridel to serve for a term expiring in 1954,



AS THE NEW BUILDINGS WERE DEDICATED

Harold C. Mayer to serve for a term expiring in 1955, and Murray M. Rosenberg to serve for a term expiring in 1956.

On behalf of the Board of Trustees of the Hospital I express the thanks of the Hospital to the many generous donors for their contributions toward the joint solicitation of the Mount Sinai and Montefiore Hospitals Building Completion Fund which was instituted during the year in aid of new buildings each institution had under construction.

Owing to the substantial enlargement and reorientation, there were a number of changes in the administrative staff. William L. Agress, assistant director, resigned after three years and was succeeded by Dr. Max Fuchs, who was appointed administrative assistant in charge of the Out-Patient Department. Leonard J. Zimmermann, controller, resigned and was succeeded by Louis A. Rems. Andrew Mezei was promoted from laundry supervisor to administrative assistant in charge of the Klingenstein and the Private Pavilions. Mrs. Goldie Bromberg was appointed director of volunteers. Jay Decatur was named director of food services.

Dr. Paul Klemperer, Dr. Gregory Schwartzman and Dr. Sadao Otani marked the twenty-fifth anniversary of their service to the Hospital and, having earned the esteem and affection of the Medical Staff and Board of Trustees, were tendered a fitting testimonial dinner at the Waldorf-Astoria.

For loyal and efficient service to the Hospital for twenty-five years, the following employees were awarded the traditional gold pin and \$100 gift: Miss Helen Somers, chief dietitian; Miss Ruth Clements, assistant chief dietitian; Miss Adarian Rorick, operating room nurse; Harry Markowitz, assistant director; Andrew Mezei, administrative assistant; Victor Rogin, chief apothecary; Ashford K. Spencer, chief operating engineer; and A. J. Dolan, assistant chief clerk and auditor.

THE extent of the Hospital's research is given in detail in the reports of the laboratories and professional services. The few that I list below were chosen merely to show at a glance the scope of our investigative endeavors.

An evaluation of parenteral fructose therapy in diabetic coma was begun and early results indicate that such treatment may be of value in restoring the patient more quickly to a normal physiologic state.

A laboratory was opened for the application of spatial vectorcardiography to the study of clinical and physiologic problems of heart disease.

New criteria have been established for the normal range of blood pressure, and intensive studies have been in progress on the clinical use of the newer anti-hypertensive drugs.

Further investigations were continued on the effects of the corticosteroids on experimental poliomyelitis; also on the shifts within the body of water and electrolytes during the course of clinical and experimental poliomyelitis.

A new diagnostic test for myasthenis gravis employing "Tensilon" was developed in the myasthenis gravis clinic.

Techniques have been developed for the early detection of peripheral vascular disease in diabetes mellitus.

A carbonic anhydrase inhibitor, 6063, has been used as an oral diuretic in the treatment of congestive heart failure.

Studies have continued on the effect of uricosuric agents on the tubular reabsorption of urates and also on the evaluation of various drugs in the prevention and treatment of gout.

My report covering a year in which so much was accomplished would be incomplete did I not express the warm thanks of the Hospital to the Federation of Jewish Philanthropies, and to its many workers, for the great assistance they rendered to the Hospital in its solicitation for capital funds. It is, I believe, generally known that were it not for the substantial financial help which the Hospital annually receives from the Federation its service to the needy sick would be substantially curtailed. Therefore, in addition to the thanks for its aid in obtaining capital funds, I add the Hospital's warm appreciation for its contribution towards our operating costs.

I also express our gratitude to the United Hospital Fund, Greater New York Fund, the Associated Hospital Services, the City of New York and to all others who by their contributions have helped support the Hospital's charitable and scientific work.

Needless to say, the functions so generously supported by these groups and individuals could not be carried on without the skillful, loyal and devoted service of the administration, under Dr. Martin R. Steinberg, our director, the professional staffs, the School and Department of Nursing, the Neustadter Foundation, Social Service, and the many departments and individuals whose combined efforts keep the Hospital progressing in its purpose. To them and to each of them I express the Hospital's thanks.

And last, but by no means least, we are deeply indebted to the Board of Trustees, not only for the time and effort selflessly devoted to the myriad of problems that arose during the year, but equally for their important financial help and wise leadership.

ALFRED L. ROSE,
President

THE PROFESSIONAL SERVICES

DEPARTMENT OF MEDICINE

ON November 1, after Dr. I. Snapper, since 1944 chief of the Second Medical Service and director of Medical Education, left to become director of Medical Education at Cook County Hospital, Chicago, the First and Second Medical Services were consolidated to form a Department of Medicine under a single, full-time director. This unified administrative responsibility will help to make fuller use of the total resources of our medical facilities for care of patients, training of professional personnel and the conduct of research.

The new Department of Medicine, as constituted, is very large. Its responsibilities include the professional care of four medical wards comprising approximately 150 beds for in-patients, and a large out-patient population served by 16 clinics; the training of a House Staff of 24 interns, 16 assistant residents and four residents; direction of the activities of some 60 members of the in-patient professional staff and almost 200 members of the out-patient professional staff; and supervision of the expanding departmental research and post-graduate educational programs.

To discharge these formidable responsibilities properly required delegation of more authority to members of the Staff than was customary in the past. To this end, a new table of organization was proposed, based on a scheme of operation in leading university hospitals and which on a smaller scale had been employed successfully for the past two years on the First Medical Service.

The plan, as regards care of in-patients by the staff, calls for the operation of the medical wards by attending physicians, associate attending physicians and assistant attending physicians, all under the general supervision of the Director of Medicine. The basic aims are to provide patients with the most expert and experienced medical skills available and also to afford our more promising younger physicians maximum opportunity for medical ward responsibility.

To achieve these aims a system of rotation of ward responsibility was instituted, so arranged that at least one physician of senior rank is always in attendance and yet, by appointing personnel of different backgrounds and special interests to constitute each team, the younger physicians are able to contribute significantly to patient care and House Staff instruction. In the short period of the plan's operation, it has already become apparent that both aims can be substantially accomplished.

For further coordination of effort, staff conferences attended by all members of the Attending and House Staff were held twice monthly to discuss problems of administrative and professional interest.

Patient Care—In 1952, 1,564 patients were admitted to the medical wards. The average stay per patient was 26.7 days, for a total of 41,846 hospital days. Every effort was made to maintain high standards of professional care for patients

by preserving the Hospital's fine tradition of bedside medicine, supported and amplified by the application of new methods of diagnosis and treatment made available by current laboratory research here and elsewhere.

In addition, patients had free use of consultations by other clinical services and the full cooperation of laboratory and other ancillary services. More attention was given to softening the austerities of ward routine for the patients by instituting one of the first regular recreational programs to be introduced into a hospital for acute diseases. This innovation is described in more detail in the report in this book of the Social Service Auxiliary.

Training of Professional Staff—Our professional training program is designed to meet the needs of several categories of physicians. The most intensive teaching is at the House Staff level. Interns, according to the current rotational schedule, spend four months in the Department of Medicine—two on a male ward and two on a female ward, working with a completely different ward team to assure a maximal number of teaching contacts; and another month in Reception, which provides chiefly medical experience.

Assistant residents spend six months on the medical wards (three on a male ward, three on a female ward, with a different Attending Staff), three months in the Private and Semi-Private Pavilions, and three months in a specialty they choose. Residents work in teams of two, interchanging responsibilities on a male and female ward. The four residents meet three times weekly with the Director of Medicine to coordinate medical care and administrative procedure on the several wards.

House Staff instruction by the Attending Staff emphasizes bedside medicine, the problems of diagnosis and management. There is also clinical laboratory instruction, elucidation of mechanisms of disease by the Attending Staff and research teams, an organized teaching program by members of the Departments of Roentgenology, Electrocardiography and Psychiatry, and work in a follow-up clinic for observation of discharged patients. The House Staff participates in clinical-pathological conferences, grand rounds and other exercises, and in the new weekly House Staff conference supervised by the Director of Medicine. Positions on the House Staff continued to be in great demand.

Fellows in medicine, cardiology and hematology are assigned for training in fields of special interest to them at the assistant residency level. A number of research fellowships in medicine are awarded annually to provide opportunities in research for young men selected chiefly from the House Staff.

ANOTHER category of physicians is made up of the many young men who have completed their formal residency training and embarked upon part-time research work to round out their careers as practitioners. A year ago many such men were invited to participate in ward rounds for a month or two and the program proved so successful that it has become a regular part of our professional training program. Selected members of the Out-Patient Department in rotation are also afforded this opportunity for further training and better liaison between the in-patient and out-patient staffs.

The Attending Staff represents a third important group of physicians to whose further development much attention was paid in the past year. The new rotation system was carefully worked out to delegate more ward responsibility to members of the Attending Staff, and more active participation in research, teaching and conferences.

The postgraduate teaching program for non-staff physicians of the community, in the form of clinical-pathological conferences, grand rounds, clinical conferences and stated lectures, was continued, with good attendance.

The organized postgraduate teaching courses, in affiliation with Columbia University, fell off in attendance with the exception of some courses, notably electrocardiography. It was evident that reorganization of these courses was necessary to bring them into closer touch with present-day needs for postgraduate training. A start in this direction was made by initiating a short, intensive course on recent trends in the diagnosis and treatment of cardiovascular disease, conducted under the aegis of the American College of Physicians. This course, which was given for the most part by members of our own staff but included distinguished workers in the field from other hospitals, was oversubscribed and conspicuously successful.

Undergraduate teaching in the Department of Medicine is limited to a two-month course given in the summer. This course integrates work on the medical wards with an organized didactic teaching program. There was last year a full quota of students, representing six medical schools, and our efforts appeared to be greatly appreciated. It is hoped gradually to extend undergraduate teaching throughout the year.

A significant development of the past year was the increased utilization of private and semi-private patients for more and better organized instruction of the House Staff. This was accomplished through the cooperation of physicians making use of the facilities on the medical wards for care of patients under the semi-private inclusive rate plan and by the voluntary collaboration of physicians and patients in the Private and Semi-private Pavilions. It became apparent that this kind of cooperative effort, properly safeguarded, was also advantageous to the patient and the referring physician.

Research—Much time and effort was expended in reorganizing and coordinating the many research programs of the members of the Department of Medicine. Many conferences were held with the investigators, and exchange of ideas and methods was stimulated. Laboratory space continued to be very limited since the new Berg and Atran laboratory facilities were not avoidable during the year and provision for additional space and apparatus for cardiovascular, pulmonary, metabolic and arthritic investigation was still in the formative stage. Nevertheless, a great deal of research was accomplished and much of it found immediate application to patient care.

More than 80 publications, including several books and monographs, appeared from the Department of Medicine in 1952. In addition, members of the Department were invited to lecture at medical society meetings and in medical schools and hospitals in various parts of this country and abroad. Some of the invitations were in the nature of honorary lectureships. Representatives of the Department

also exhibited their work at several medical conventions, three such exhibits winning prizes.

Of the varied research activities of the past year, mention can be made here only of few. Hydrocortisone, in the form of the free alcohol, was found to be the most effective agent yet uncovered for the treatment of sprue. What appears to be the most satisfactory test yet devised for hyperthyroidism, based on blood levels of I^{131} after tracer doses, was described. The use of 2-hydroxystilbamidine was introduced for the successful treatment of hitherto refractory protozoa and fungus infections in man. A hitherto obscure form of leukemia, due to the appearance of reticulum cells in the blood, was defined. Diamox, a carbonic anhydrase inhibitor, was introduced as a new oral diuretic for patients with edema. A new rapid test for myasthenia gravis was introduced and useful criteria for recognition of dangerous overdosage with anti-cholinesterases were established.

Also, a novel form of treatment of allergy to insulin, by use of denatured insulin, was proposed and the use of intravenous fructose in the treatment of diabetic coma was investigated, with encouraging results. A simplified water-loading test for the diagnosis of Addison's disease was described, and experience with the ambulatory management of this disease by use of long-acting microcrystalline esters of desoxycorticosterone was recorded. A new means for differentiating obstructive from parenchymal jaundice, by determining serum mucoprotein and polysaccharide levels, was introduced. A method for estimating the degree of overriding of the aorta in congenital heart disease was proposed, as was a method for estimating the circulation time oximetrically.

The cube technique of electrode placement in spatial vectorcardiography was expounded in a book, with extensive illustrative clinical applications. An authoritative analysis of the usefulness and limitations of electrokymography was published. New limits were established for hypertension and normotension in the two sexes at varying ages. It was shown that measurement of the hallucal circulation under controlled conditions offered very early recognition of vascular disease in diabetics. A productive study was made of the significance of steroid diabetes occurring in the course of prolonged ACTH or cortisone therapy. The usefulness of dicumarolization in acute myocardial infarction was evaluated in a controlled study conducted on the medical wards.

Further studies of the bone marrow in polycythemia vera were made and advances in our understanding of the hemolytic anemias, with special reference to the rate of removal of radioactive iron from the plasma, were recorded. The newer blood factors encountered in blood transfusions were reviewed. Therapy of cancer with folic acid antagonists, peltatin, triethylene melamine and other newer agents was evaluated. A monograph on multiple myeloma, based on a very large experience at this Hospital, was compiled.

Our important long-term studies of the effectiveness of ACTH and cortisone in the management of lupus erythematosus, sarcoidosis and sprue were continued. A long experience with Banthine in the treatment of peptic ulcer was analyzed. An extensive study was made of the psychodynamic aspects of experimental asthma in man. Chromatographic and electrophoretic separation of pollen

extracts, in an attempt to isolate the causative agents of hay fever in pure form, was carried further. Research on the erythropoietic effects of antibiotics and vitamin B₁₂ in pernicious anemia was initiated. A basic analysis was made of the several forms of congenital testicular deficiency. The production of hypercholesteremia by prolonged use of ACTH or cortisone was demonstrated in man and experimental animals, suggesting a possible role of the adrenal cortex in the pathogenesis of atherosclerosis. Significant studies indicating the hereditary nature of premature hypercholesteremia and atherosclerosis were continued.

The role of carbonic anhydrase in the regulation of hydrogen ion secretion by the stomach and the renal tubules was elucidated by use of potent new inhibitors of this enzyme. Basic studies were made of the effect of experimental venous obstruction on the mechanisms of redistribution of salt and water in the extra- and intracellular phase, along with exploration of bone and connective tissue as sources of readily mobilizable excess sodium and chloride, respectively. A comparison was made of discrete renal functions of the two kidneys in a patient with portal hypertension before and after spleno-renal vein shunt. It was shown that tubular reabsorption of phosphate increased after removal of a parathyroid tumor in patients with hyperparathyroidism.

In studies on the mechanisms of diuresis and antidiuresis, a significant analogy was found between diabetes insipidus and chronic renal disease. The role of desoxyribonuclease inhibitors in the production of the L.E. phenomenon was investigated. An improved technique for the cultivation of *Endameba histolytica*, important in the diagnosis of amebiasis, was introduced. An informative study was made of the geographical distribution of cercarial dermatitis. The relationship among mouth, skin and arterial blood temperatures was defined. The treatment of osteoarthritis by intra-articular injection of Compound F was evaluated.

Based on the large experience at this Hospital, a revised system of management in gout was proposed. By use of N¹⁵-labeled glycine, overproduction of uric acid in some cases of gout was demonstrated for the first time. The effects of Benemid, phenylbutazone, salicylates and other uricosuric agents on tubular reabsorption of urate were examined by simultaneous measurements of discrete renal functions, with results of interest to our understanding of the mechanisms of renal excretion of urate and to the treatment of chronic gouty arthritis.

It is to be hoped that this sampling of the year's research activities of the Department of Medicine is sufficiently indicative of the great research potential of the Hospital and will stimulate full support and further development.

THE SURGICAL SERVICES

The Hospital on November 1 appointed a full-time director of the Department of Surgery. Although the appointment occurred in 1952, the reorganization of the several surgical services, with their research and educational activities, into a cohesive department was not to be effectuated until the following year. The

reports that follow are, therefore, given according to the customary subdivisions, Surgery A, B and C.

SURGERY A

DURING the year the Service embarked upon a study of results of the surgical treatment of carcinoma of the esophagus and cardiac end of the stomach, a difficult problem, since the surgical treatment of this disease was initiated at Mount Sinai Hospital in 1936.

Some interesting figures are now available. In the group of patients done over five years ago with squamous cell tumors of the esophagus, approximately a third are living and apparently free of disease. In the group of adenocarcinoma of the cardia, 23 per cent are alive and well after five years. These findings, especially in the squamous cell variety, give considerable encouragement to those of us who are trying to improve the technical and other features of the developments of this field of surgery.

The chief of the Service and a colleague engaged in a study of the results of the surgical treatment of chronic non-specific ulcerative colitis. Since 1937, there has been noted a marked decrease in the operative mortality for the various operations employed in the surgical therapy of this disease.

The Service initiated a plan for the coordinated and cooperative treatment of all ulcerative colitis patients in collaboration with the heads of medicine, gastroenterology and psychiatry. With the cooperation of these chiefs, a regular plan has been formulated for a cooperative continuity in the treatment of these patients.

While the idea is an old one at Mount Sinai, this is the first time the full cooperation of the heads of those services has been effected in its behalf. Only by this method of investigation can the best interests of the patient be served and progress made in developing new methods for the treatment of this disease entity.

We continued with our treatment of carcinoma of the large bowel as heretofore. Over the past few years, there has been a progressive improvement in the development of new technical maneuvers which have as their purpose a more radical approach to carcinoma of the bowel and diminution in the operative mortality.

Both in terms of the number of patients served and the results achieved, Mount Sinai's contribution to cancer surgery certainly compares with, if it does not exceed, that of any other general hospital and very likely that of any specialty hospital. This continuing accomplishment in a critical field bespeaks the Hospital's tradition of pioneering interest in the problem which has grown stronger, experimentally and clinically, to the present day. It should be a matter of intense pride to Mount Sinai's friends, staff and supporters.

SURGERY B

FURTHER observations were made on carcinoma of the lung and a 14-year survey of our cases was completed. A study of primary carcinoma of the lung in aged individuals was made and published. Another publication was concerned with the characteristics of minute carcinomata of the major bronchi.

Additional clinical studies by members of the Service dealt with a method of treatment of acute and chronic chylothorax, spontaneous rupture of the esophagus, accessory lung, diaphragmatic hernia, cysts of the lung, mediastinal tumors, bronchial adenoma, cysts of the trachea and actinomycosis of the chest wall.

Publications of experimental work dealt with maximal-length vena cava autografts that were used to bridge aortic defects in dogs. Observations concerning the function and fate of the grafts were made over a period of three years, corresponding to 15 to 20 years in the human. The studies, which were presented before the Forum on Fundamental Surgical Problems of the American College of Surgeons, revealed that unsupported grafts, although satisfactory in the beginning, were inadequate at the end of two-and-a-half to three years. Another phase of the same work dealt with elasticity studies of vein grafts by means of a new apparatus devised by the Hospital physicist. A satisfactory technique of intra-abdominal transplantation of the kidney was developed and applied to the homotransplantation of kidneys in dogs. The latter phase of the work is still in progress, although up to the present, there have been no successful homografts. A member of the Service began experimental observations on the control of pulmonary circulation.

Close liaison continued with the Medical Chest Group in the form of a weekly conference following grand rounds and also a monthly clinical meeting.

SURGERY C

A COMPARISON was made of the results obtained in duodenal ulcer by subtotal gastrectomy with and without vagotomy over a six-year period. This was presented before the American Medical Association and the American Gastroenterological Association. A ten-year review was published of the results of operative procedures for gastrojejunal ulcer following gastroenterostomy and subtotal gastrectomy.

A further assay was undertaken of the operation of gastroenterostomy with and without vagotomy in poor risk patients with duodenal ulcer, and a study of giant benign gastric ulcers was made. A special study was made of benign tumors of the stomach which has been accepted for publication.

Further studies were made of pancreatic function and the use of the secretin test in the diagnosis of tumors in and about the pancreas, as well as of the effect of vagisection and vagal stimulation on pancreatic secretion, and the role of alcohol in the etiology of pancreatitis. The role of alcohol in the etiology of pancreatitis and a study of the effect of intravenous ethyl alcohol on the external secretion of the pancreas was completed. The effect of subtotal gastrectomy upon the external pancreatic secretion in dogs was published.

A study of the reconstruction of the bladder by the substitution of small bowel segments was completed. The repair of surgical wall defects with a pedicled musculo-fascial flap was published. The follow-up results of biliary dyskinesia with reference to sphincterotomy was completed and published.

ANESTHESIOLOGY

THERE were several changes in departmental organization. The table of organization was increased to include one attending, three associates and three adjuncts. Also, anesthesia nurses were replaced completely by residents.

The resident training program was expanded. Two meetings a week were held and devoted to seminars, journal clubs, case studies and papers by residents. An extensive course in therapeutic and diagnostic nerve blocking, with cadaver dissection, was presented. Increased emphasis was placed on didactic teaching. The opening of the Maternity Service presented needed resident training in methods of obstetrical anesthesia and analgesia and in infant resuscitation.

A new and detailed system of departmental records was instituted providing duplicate copies of each anesthetic record with matching cross-index cards, thus permitting valuable statistical studies and observations. A departmental library was established.

The Department carried out studies on the use of ganglion blocking agents for controlled hypotension in neurosurgery, the use of short acting muscle relaxants and the electrocardiographic effects of neostigmine. Members of the Department published and presented papers on anesthetic methods in neurosurgery and in surgery of the heart and great vessels, on the anesthetic management of cardiac catheterization and angiocardiology and on the fate of pentothal sodium and demerol.

DENTAL AND ORAL SURGERY

THE Friday afternoon seminars in oral pathology and oral surgery developed into a leading forum for the clinical study of oral disease. An outgrowth of their popularity was the recent establishment by the Department of the first oral consultation service available to dentists in the Metropolitan area.

A new course in diseases of the mouth was conducted under the graduate instruction program of Columbia University. In addition, full-time training courses were opened to groups of undergraduate dental hygiene students of the State University.

Plans were completed for a program of continuing dental care to prenatal patients. A pilot clinic was inaugurated for comprehensive oral examination of new out-patient medical admissions, including complete roentgenographic survey.

The Cleft Palate Rehabilitation Team functioned as the official State Department of Health center for the southern half of New York. As a result of favorable publicity, it attracted an exceptionally large patient-load, consisting of nearly 200 cases of cleft palate and cleft lip. Each patient is being studied by the dental group, (oral surgeons, orthodontist, and prosthodontist) the plastic surgeon, a pediatrician, psychiatrist, otolaryngologist, speech-therapist and social worker, who meet regularly to discuss and plan an appropriate treatment schedule.

Members of the staff presented papers on viral infections of the mouth, on the Klippel-Feil syndrome, amyloidosis of the tongue, pathways of spread of acute

oral infection, problems of obscure oro-facial pain, preventive orthodontics, and early recognition of oral cancer.

DERMATOLOGY

CONSIDERABLE attention was directed toward increasing the efficiency of the Dermatology O.P.D. To this end, regular assignments to the O.P.D. were made for the Attending Staff to create closer cooperation between O.P.D. staff members and the in-hospital staff. Each O.P.D. member was asked to make rounds with the chief on ward cases at least once a week. Some O.P.D. Departments were reorganized and it was felt that in this way all of the staff obtained a much closer insight into the ambulatory service. The reorganization raised the morale of the O.P.D. staff and contributed greatly to administrative efficiency.

A number of papers were published from the Service and a chapter on dermatology was contributed by two staff members to the book "Physical Medicine in General Practice."

Research was conducted on more accurate methods for measuring physiological skin responses and changes in skin physiology under various pathologic conditions.

NEUROLOGY

THE Department continued to expand its research unit. Four principal subjects were investigated: early diagnosis of brain tumor, the effect of various drugs on nervous and muscular system function, perception in the normal subject and in patients with disease of the brain, and functions of the brain stem in the experimental animal.

The ability to recognize brain tumors was enhanced by using the method of detecting radioactive substance circulating through the brain. This work was carried out in collaboration with the Neurosurgical Department.

A variety of drugs, particularly the barbiturates, were tried in cases of tremors and other abnormal movements. Incomplete results showed that these drugs were beneficial in some cases. Mysoline, a new drug, was found to help some intractable cases of epilepsy. New drugs in the treatment of Parkinsonism, demyelinating diseases of the nervous system and myasthenia gravis were tried. Subjects with various kinds of pain and some with abnormal movements were treated with newer methods and with some success. There were also studies with lysergic acid, a powerful drug, which among other effects, produces changes in perception. This project was carried out with the cooperation of the Departments of Medicine and Psychiatry.

Regarding the investigation of normal functions of the nervous system, we acquired new data to enhance our understanding of diseases of the brain. These facts will help us in diagnoses and in evaluating effects of treatment.

Twelve members of the Service had a total of 44 papers published in the year on a wide range of related subjects.



THE MAGDALENE AND CHARLES KLINGENSTEIN MATERNITY PAVILION

OBSTETRICS AND GYNECOLOGY

OBSTETRICS

AFTER a century in a childless state, Mount Sinai became a true parent on November 1, when the obstetrical service opened in the Klingenstein Pavilion. Fifty-five women, both ward (26) and semi-private (29), were delivered during November, and 117 during December (52 ward; 65 semi-private). Of the total number of deliveries (172), six were twins. The out-patient department for obstetrics began to function on July 28 and from that date through December 31, a total of 286 new visits was made.

In the process of combining the new clinical department of obstetrics with the long existing and distinguished department of gynecology, Dr. Alan F. Guttmacher was named obstetrician and gynecologist to the Hospital and director of the combined departments. Dr. M. A. Goldberger became attending in gynecology and six associates and 14 adjuncts were appointed. The director of the combined department assumed his duties on July 1.

The obstetrical division is too new to permit any report of research accomplished. However, there is much work in progress, studies on diabetes in pregnancy, significance of bleeding in early pregnancy, the significance of the placental sign, a study of the elasticity and tensile strength of the fetal membranes, hystero-graphy of patients after Caesarean section in the attempt to visualize the scar, etc.

GYNECOLOGY

TWO teams in the Gynecology Service undertook the study and development of the technique of radical surgery for the treatment of carcinoma of the cervix in all its stages. The service also concerned itself with such clinical problems as the premalignant phase of endometrial carcinoma, the rate of growth of uterine myomas, sarcoma of the uterus, granulosa cell tumors of the ovary, toxemias of pregnancy, rupture of the liver in pregnancy, and many others.

Additional investigations dealt with antepartum education, analysis of the relationship between ulcerative colitis and pregnancy, sterility problems, carcinoma of the cervix in Jewish women, the results of total hysterectomies for carcinoma of the fundus, the value of hystero-graphy in the diagnosis of intrauterine lesions and the results of myomectomies.

Members of the Service published or had prepared for publication or presented to medical societies 35 papers on a wide variety of subjects in the field. Operating clinics and ward rounds were held for the Tri-City Meeting of the New York Obstetrical Society and the American College of Surgeons.

OPHTHALMOLOGY

THE Service again emphasized activity on the pathology of the eye with special reference to vascular diseases. Other investigations were concerned with the eye in old age, the affect of cortone in glaucoma surgery as an aid to better filtration, early retinal vascular changes in hypertension, and the relation of retinal changes to diastolic pressure.

In addition to its formal teaching, the Service participated in the affairs of many scientific societies and organizations. A staff member was elected president of the New York Society for Clinical Ophthalmology and others served on committees of the New York Academy of Medicine, the A.M.A. and other groups.

A special technician was appointed to take care of increased work in connection with fundus photography. Staff members published, prepared for publication or read before scientific groups 16 papers based on the variety of clinical interests of the Service.

ORTHOPEDICS

THE Orthopedic Service continued to enlarge its patient volume through its unique Children's Orthopedic Clinic. Several organizations furnishing ancillary care to orthopedically-handicapped children now use this clinic as their referral center for hospital care. In conjunction with Blythdale Hospital in Westchester, at which this Service forms the orthopedic staff, complete continuous long-term care under the same personnel is possible in a way that can be equalled by very few centers.

The Orthopedic Research Laboratory broadened its usefulness by undertaking, in addition to its own investigative problems, joint projects with other laboratories in the hospital, particularly that of pediatrics.

Members of the Service engaged in investigations into several basic problems, among them para-inflammatory disease of the spinal articulations, the development of the human spine, scoliosis, the biochemistry of bone formation, circulatory aspects of bone grafts and vertebral fractures, epiphyseal pressure phenomenon, the effect of age on the human spine, and a progressing study of the problem of fractured hips. Publications on these problems appeared in representative medical journals and several were presented at orthopedic regional and national conferences.

OTOLARYNGOLOGY

IN addition to investigations continued from previous years, the use of hormones in rhinoplastic procedures was studied and a preliminary report made, new operative procedures in otologic and rhinoplastic conditions were devised, and a study of lesions of the lower esophagus was made in conjunction with the Radiology Department and Gastroenterology Laboratory.

PEDIATRICS

THROUGH the efforts of Samuel S. Schneierson, chairman of the Trustees' Committee on Pediatrics, detailed architects' plans were drawn up for remodeling and rebuilding the Pediatric Pavilion. These plans are aimed at modernizing the pavilion into consonance with present-day pediatric practice. For example, the plans include provision for rooms in which the mother may remain in the Hospital with the child during the course of his treatment for serious illness or during the period of his recovery from a surgical operation.

Experience in other parts of the country has shown that severely ill poliomyelitis patients who would not survive in the usual hospital ward may do so when treated in centers especially designed for the care of such patients. Of equal importance, many patients who would otherwise be unable to free themselves from dependence on the tank respirator (iron lung) are able to do so with the special care given in such centers. No centers for the specialized care of patients suffering from the respiratory form of poliomyelitis exist in the vicinity of New York City. During the year, detailed plans were made to establish a polio respirator center as a unit of the Department of Pediatrics. It is expected that the cost of building and maintaining the respirator center will be borne by the Hospital and cooperating foundations. Detailed architects' drawings have been made for the proposed center and it is hoped that construction may begin in 1953.

In the latter part of the year, the Pediatric Service, in cooperation with the Department of Obstetrics, organized the service for newborn infants in the nurseries of the new Klingenstein Pavilion. For the first time, therefore, the Pediatric Department became responsible for a newborn service. The Department was preparing at the end of the year to take over the management also of the premature unit which will be available for a total of 40 premature infants. The premature unit, which is situated on the top floor of the Klingenstein Pavilion, is most attractive and a model of efficiency.

The pediatric out-patient department received a great deal of attention during the year. A Fellow in Pediatrics was appointed to work full-time in the O.P.D. and a technician and secretary were obtained for full-time duty. These changes greatly increased efficiency and resulted in better care for patients.

AN active research program was carried out in our Rosenstiel laboratories. Studies begun a number of years ago on the treatment of meningitis resulted in the clear demonstration of the value of the eosinophil concentration of the blood as an index of prognosis in this disease. Corollary studies clearly established the value of cortisone as a life-saving measure in the fulminating form of meningitis.

Research on the effect of poliomyelitis on water and electrolyte metabolism was continued. While it appeared that poliomyelitis virus does not produce any gross change in the water and salt metabolism of the body, recent experiments suggested that there may be alterations in these elements within certain parts of the brain and muscle tissue.

Experiments designed to study the source and character of the fluid lost from the body of infants suffering from diarrhea were continued. The experiments have shown that loss of water from the cells of the body persists long after the loss has been restored in the blood plasma and the fluid outside the cells. The effects of diarrhea, therefore, appear to be of longer duration than had been believed. Experiments were continued to determine from what specific areas in the body the various salts and fluids are available as defense mechanisms against dehydration. The experiments are expected to provide fundamental information regarding metabolism of salts and water.

Experiments on the etiology of infantile diarrhea resulted in the development

of a rapid and very accurate method for typing colon bacilli, bacteria now suspected of being a serious cause of the disease.

Work on the treatment of congenital cardiovascular diseases was intensified. This field is of prime interest to the new director of the Department of Surgery. A number of patients who were regarded as particularly difficult cases were re-evaluated and were operated upon with gratifying results.

PHYSICAL MEDICINE

THE caliber of work in the Department improved because of our success in obtaining better personnel. An increasing percentage of our work was in the application of rehabilitation techniques for patients on the neurological and neurosurgical services.

The results of a study on the motions of the human foot were incorporated into a paper read by the Physiatrist to the Hospital at the annual meeting of the American Congress of Physical Medicine and Rehabilitation. Another publication dealt with the diagnosis and treatment of Bell's palsy. Scientific exhibits were staged for the New York Medical Society and the American Congress of Physical Medicine and Rehabilitation.

PSYCHIATRY

THE Department of Psychiatry continued to emphasize its service aspects to the Hospital and its patients. To facilitate the work of the Department, it was reorganized into nine divisions: Adult Ward, Adult Clinic, Adult Liaison, Child Psychiatry, Psychology, Case Work, Training, Research, and Special Project.

The Ward Division continued to function for the care of patients, for training and research. Owing to the limitation of facilities, even though 22 beds are available, the optimum functional load is about 17 patients. These patients come for the most part from the Hospital wards or O.P.D. However, it was possible during the year to increase the number of patients referred from extra-Hospital sources.

An important aspect of our work lies in the liaison with the other services and the out-patient clinics. To facilitate this work, five liaison teams have been organized, each consisting of three to eight psychiatrists. The teams are responsible for the various units of the Hospital, such as Medicine and Medical Specialties, Surgery and Surgical Specialties, Neurology, Neurosurgery, Ophthalmology, Otolaryngology, Orthopedics, Radiotherapy, Urology, Dental, and Dermatology, and for the out-patient clinics. With the opening of the Obstetrical Service and the formation of the new Department of Obstetrics and Gynecology, the need for psychiatric services increased, and one of the teams was assigned to that area. Collaboration among Obstetrics, Gynecology, Pediatrics and Psychiatry for both service and research was begun and an excellent program set up.

The adult O.P.D. clinics again worked at maximum capacity and special credit is due the clinic chiefs for the outstanding way they are carrying out their assignments and responsibilities. In psychiatry, a clinic chief functions not only as a clinician but also as a teacher and supervisor. The Wednesday-Friday

afternoon Follow-Up and Treatment Clinic is staffed primarily by psychiatric residents, who follow through on patients they have been treating on the ward. The experience and training which the residents obtain working in the clinic are invaluable. There was a total of 6,059 patient visits to these clinics during the year.

The Child Psychiatry Division continued to function in an excellent manner and for the first time had a full-time fellow for purposes of training, a Minnie Kastor Fellow in Psychiatry. The Mothers' Group Psychotherapy continued and a girls' group was started. With the opening of the Klingenstein Pavilion, the Division became part of the liaison psychiatry team working with the Obstetrical and Pediatric Departments. Work with the Cleft Palate Group was undertaken. Active collaboration with the Pediatric Department continued, resulting in a valuable interchange of training between members of the two departments. The Division held weekly seminars for the pediatric resident staff.

There are special problems connected with child psychiatry, especially in regard to personnel. It is in this area that the greatest need exists, and yet relatively few psychiatrists in private practice work in this field. This is reflected in the problem of staffing such a division. A number of psychiatrists who work only with adults apply for staff appointments in child psychiatry and work for a year or two in order to gain experience, then leave the staff. Greatest efforts should be made to implement a program for training in child psychiatry. To further this, the Division has become a member of the American Association of Psychiatric Clinics for Children and has been approved as a training center.

The Training Division has six psychiatrists assigned to the specific task of training residents, and other personnel of the Department and the general hospital. The preceptor system of direct supervision of the work of the residents, although requiring a great deal of time from the teachers, is proving invaluable. In addition, a course in psychotherapy for psychiatrists was given by the teaching staff. Lectures, seminars, and practical exercises were carried out with the nurses, both on the ward and as part of the School of Nursing training program.

The Psychology Division continued to function as an integrated part of the psychiatric team. Psychological services were available and utilized throughout the wards and O.P.D. clinics. There was an excellent training program for clinical psychologists. There were 24 members on the Psychology Division staff, including full- and part-time externes, research assistants, tutors and part-time supervising psychologists. The active training program was not limited to the training of psychologists; the Division participated in the psychiatric residents' training program, lectures to nurses, and the general training program of the Department. A number of research projects were undertaken and several papers published.

The Social Service Department again functioned as an integrated part of the Department. Eight students from the New York School of Social Work received training in psychiatric social work under a program instituted in 1951 and continued last year.

A Mount Sinai Hospital-Federation Project was started to follow-up discharges from Bellevue with a view to assisting patients and families through

casework and individual psychotherapy. A part-time psychiatrist, two full-time caseworkers and secretarial personnel are engaged in the project.

In closing, it must be noted that various research activities and aspects of other functions of the Department were either hampered or postponed because of severe space limitations. It is hoped that the Hospital will in the earliest future be able to address itself to this problem.

RADIOLOGY

WITH construction nearly completed but continuing, the Department occupied the new section and began operating immediately at full capacity to permit the start of renovations in the old section. At the year's end, five diagnostic rooms were operating of the eventual total of eight. The new darkroom was completed and the automatic developing and drying equipment put into operation. Use of new types of radiographic equipment was also begun, including the ceiling-suspended tube crane in the neuroradiological diagnostic room, the circular and spiral motion or Kieffer laminograph in the same room, the final form of the cassette changer for cerebral angiography, a laminograph for body section radiography with the patient in the erect position, and the automatic phototiming equipment for both routine radiography and spot-films during fluoroscopy.

Installation of diagnostic X-ray equipment was started in the emergency X-ray room on the delivery floor of the Klingenstein Maternity Pavilion and in another room adjacent to the premature ward. A new mobile diagnostic X-ray unit was procured. Construction and installation of a third diagnostic room in the O.P.D. X-ray Department was started, utilizing surplus equipment from the Main X-ray Department. A through-the-wall developing system was installed in the Cystoscopy-X-ray section, as was additional surplus radiographic equipment.

With the opening of the Klingenstein Pavilion, an entirely new group of radiographic examinations, frequently of an emergent character, were added to the routine work of the X-ray Department. Techniques of pelvic and fetal mensuration were developed in conjunction with the Department of Obstetrics.

A complete change in the marking of films for identification purposes was instituted to assure more satisfactory identification of films. Name plates of a compact nature to be used with lead letters were procured to be used for each patient.

With the installation of automatic developing equipment, a program of quality control of developing solutions and films was instituted in cooperation with the Physics Department. Daily checks were made on a routine basis to detect defects. Methods of testing film for comparative purposes were developed to detect variations in the film supplied or to choose among different types of film.

Another new procedure adopted on a routine basis was continuous monitoring of X-ray exposure of all technicians and physician personnel by a film-badge program. This is implemented by the Physics Department. No instance of exposure above acceptable levels was found. Study of personnel exposure in more detailed fashion was made when a new procedure (e.g., cerebral angiography) was adopted.

To maintain high quality of radiographic and fluoroscopic examinations, a study was started to establish a series of measurements which, done in routine fashion, would furnish information required for constancy of results. Recording equipment was procured for this and changes in controls made to allow this equipment to be used.

The custom of a daily departmental conference was continued. Formal combined conferences were held with the Medical, Surgical, Pediatric, Obstetric and Gynecological, Neurological and Neurosurgical and Orthopedic Services. Attendance at conferences, such as Surgery C grand rounds and congenital cardiac were routine.

Two new Columbia University post-graduate courses were given by the Department, one on diseases of the chest and another on diseases of the gastrointestinal tract. A third course of more advanced character on diseases of the chest was being planned to be given in 1953.

Of investigative interest were the problems connected with changes at the junction of the esophagus and stomach—specifically, hiatus hernia, short esophagus, regurgitation and inflammatory changes in the lower end of the esophagus. The chief of the Department and his associates published a variety of papers and participated in a number of local and national meetings.

The work-load increased over 1951 from about 125,000 to 135,000 films taken and 34,700 to 35,300 patient visits. The amount of technician time spent on the operating floors for X-ray control procedures, and for bedside examinations, increased sharply and the trend is likely to continue.

RADIOTHERAPY

FURTHER clinical investigation of the response to radiation through a perforated grid was carried on in advanced cases of cancer. Some sequelae of this type of treatment were becoming manifest at the close of the investigation's second year. This will lead to modifications of existing techniques which yield an occasional long-time arrest or cure. Investigation of the use of this method in conjunction with conventional types was begun, especially in cancer of the bladder and of the female generative organs. As a result of our interest in the grid therapy, visitors from important clinics in the United States and from abroad came to observe our work.

Closer cooperation with the Gynecology Service in the management of uterine cancer was established for the study of a combined program of radiation and surgery. In addition to this group study, a mechanism for treating lymphoblastomas and leukemias was informally set up with the Hematologist and a physician interested in chemotherapy. It is increasingly evident that only by the combined efforts of the departments dealing with endocrinology, hematology, chemotherapy, and radiotherapy, may new approaches be developed for the treatment of cancer.

The results of 20 years' experience in radiation treatment in cancer of the larynx were presented before various medical organizations. The results were significant because of the number of cases and the long-time follow-up. The

report was presented before the American Roentgen Ray Society and the Baltimore Academy of Medicine. It will be published early this year.

Other publications from the Department dealt with radium therapy in cancer of the cervix, the role of intracavitary radium in the treatment of cancer of the bladder, the depth dose curves for grids in X-ray therapy, and the use of grids in X-ray therapy in advanced cancer. At a meeting of the Radiological Society of North America a staff member presented a paper on dosimetry of Beta ray emitters. This was based on an original investigation of dosimetry which should play a significant role in the better understanding of dosimetry and isotopes.

A new course in the clinical application of radium will be given in affiliation with Columbia University in 1953. It will be the first course of its kind in the country and should be of great value to residents and others working with radium.

There is a great need for a more adequate location for the Department and for higher voltage apparatus if the Hospital is to continue attracting the volume of material we have been treating in the past and have had available for teaching and other important purposes.

UROLOGY

THE Department continued to provide a high standard of diagnostic and therapeutic service to patients, and intimate, carefully-supervised instruction to its resident and intern staff.

The cystoscopy room facilities were improved by the addition of new equipment and replacement of some X-ray apparatus.

Members of the Service exhibited the "artificial kidney" at the Ninth Congress of the International Society of Urology and demonstrated a non-opaque radiographic mat at the annual meeting of the American Urological Association. We were also represented at the Graduate Fortnight of the Academy of Medicine and at the American College of Surgeons convention. In conjunction with the Radiotherapy Department, a report was given in Mexico on our joint efforts in the treatment of carcinoma of the bladder.

Communications were published on surgical cure of Cushing's syndrome, radiotherapy in the treatment of stricture of the ureter, calcification of the vas deferens, blood pressure of chronic hypertensive dogs surviving bilateral nephrectomy, psychiatric aspects of disease of the genito-urinary system, and transplantation of the kidney in dogs. Reports prepared for publication dealt with retroperitoneal cyst with absence of kidney, ureter-ureterostomy, and aneurysm of the renal artery.

Clinical investigations were conducted into renal tumors, surgical treatment of tumors of the adrenal gland, and improved techniques in prostatic surgery.

In connection with research in the use of the "artificial kidney," studies were made concerning blood flow in the inferior vena cava. The possibility of a low cost disposable unit for this apparatus was investigated.

THE OUT-PATIENT DEPARTMENT

THE principal objective of the Out-Patient Department continued to be its community responsibility of caring for the ambulant sick unable to afford private medical treatment. Toward that end, several new clinics were established and the services of some existing ones expanded.

In recent years there has been a decline in our patient census and this trend continued in 1952. The number of consultations was 186,415 as compared to 193,091 in 1951. (The census trend of other Out-Patient Departments has been similar to ours.) This decline may be explained to some extent by changing social and economic factors. Prepaid insurance plans and clinics conducted by labor unions have been developed in recent years and care for some of the ambulant sick who in the past were treated in the out-patient departments of voluntary and city hospitals.

To determine if any part of this decline might be due to causes within the Hospital, a comprehensive study was undertaken to evaluate the Department's work. Each of the 90-odd clinics is being studied, with the hope that still higher standards of care—both from a medical and social point of view—will be achieved.

The number of new patients treated during the year was 7,630, representing an increase of 9.4 per cent over the previous year, indicating that the average number of visits of previously enrolled patients was reduced without impairing the service rendered. The figure for new patients does not include 282 who made a total of 1,107 visits to the Prenatal Clinic which opened last July 28.

More than 60 per cent of our patients were treated entirely without charge and the income received from those able to pay averaged about a dollar a visit. This is particularly striking since the cost per patient-visit as computed by the United Hospital Fund formula was more than \$4.50.

THE availability of clinic patients presenting a wide range of medical problems facilitated the initiation of new research projects and the expansion of existing ones. This work was, of course, integrated with the general research program and is covered elsewhere in the Annual Report.

Weekly clinical conferences to review current trends in medicine and advances in the professional care of patients, together with the presentation of interesting and unusual cases, served to stimulate and broaden the interest of the Department's large medical staff.

The training of residents was furthered by their O.P.D. assignments. They were assigned to various clinics, including Eye, Ear, Nose and Throat, Orthopedics and Gynecology. This afforded them an opportunity of participating in the follow-up of patients whom they had previously seen on the wards. They also received training in the treatment of ambulant patients, which will prove helpful to them later.

The organization of the obstetrical unit in the new Magdalene and Charles Klingenstein Maternity Pavilion provided facilities here for the first time for complete care in the prenatal and postpartum periods of pregnancy. Related

clinics such as dystocia, prenatal diabetic and peripheral vascular were formed and others were being planned, all related to the problems of pregnancy. The transfer of the Gynecology Clinic to the Klingenstein Pavilion was approved and was scheduled to be effected promptly.

A new clinic was organized for the diagnosis and treatment of cleft palate and hairlip. To carry out this project, a group was formed including medicine, dentistry, psychiatry, psychology, social service and other specialties. This sorely-needed service is helping a large number of young people coming to our clinic for treatment. The project also serves to demonstrate the value of team approach to this troublesome problem, and vital information is being collected from the large group of cases being referred to us from many parts of the state.

Affiliation was established with the Department of Dental Hygiene, State University of New York, whereby eight students of dental hygiene are assigned to the in-patient and out-patient dental services of the Hospital for two-month periods as part of their training course.

At the request of the Federation of Jewish Philanthropies, our Psychiatry Department initiated a project which will provide follow-up care for patients after their discharge from the psychiatric service at Bellevue Hospital. A team consisting of psychiatrists, psychologists and social workers studying the needs of these patients and their families should furnish a real communal service.

The formation of a Plastic Surgery Clinic introduced facilities for the diagnostic evaluation of patients who may be in need of plastic procedures. Some of these patients are admitted to the Hospital for the necessary surgery and return to the clinic for follow-up care. Minor plastic operations are at times performed in our Surgical Clinic.

The addition of a trained orthoptic technician to the Eye Clinic provided additional services to children with strabismus. Eye muscle exercises and training are used as therapeutic as well as pre- and post-operative measures.

A clinical microscopist was added to the O.P.D. staff to enable us to perform blood counts and other procedures at the time of the patient's first visit. This permits the physician to arrive at a diagnosis more promptly, with obvious benefit to the patient.

The problem of caring for the marked increase in the number of admissions to the Pediatric Clinic was partly solved by appointing to it a fellow on a full-time basis.

The adoption by the Hospital of the unit record system made possible the combining of the Hospital's medical records with those of the O.P.D. and gave promise of promoting fuller integration of the overall services.

A social worker employed in connection with our O.P.D. survey made a comprehensive study of procedures in seven large hospitals, including our own. Some recommendations from her report were promptly adopted with good results.

The caliber of service we were able to render the community was due in very large measure to the unselfish efforts of the many physicians, dentists, nurses, technicians, social workers, volunteers and other personnel, each of whom made his or her own significant contribution and to all of whom I express my sincere thanks.

JOSEPH KLINGENSTEIN, *Chairman*
Committee on Out-Patient Department

THE LABORATORIES

MICROBIOLOGY

THE routine subdivisions of the Department performed approximately 34,000 bacteriological, chemotherapeutic, parasitological, serological and virological tests, an increase of six per cent over 1951.

Apart from the routine activities, a number of important studies were carried out.

A comparison was made of the "disc" and the "tube" dilution methods for the determination of bacterial sensitivity to antibiotics. Although easier to perform, consuming less time, and requiring less training, the disc method was not found to have the accuracy and reproducibility of the tube dilution method. In view of the precise and essential information that the tube dilution method provides, it was decided to retain the latter procedure. For special cases such as acute infections of the upper respiratory tract, where speed may be especially important, the disc method is now performed on request.

New Chemotherapeutic products were tested. WIN and Furadentin failed to show promise in preliminary testing. Procedures for testing the new antibiotics, Erythromycin and the new penicillin preparation, Bicillin, were added to the long list of antibiotics routinely used. A new procedure was developed to expedite blood antibiotic level assays; it consists of freezing standard stock bacteria so that the test can be performed immediately upon receipt of the request, without the previously necessary six-hour incubation period.

The steady increase continued in the amount of work performed by the Parasitology Laboratory. The number of examinations has risen from 260 in 1946 to 2,950 in 1952. A technique developed in this laboratory making use of media containing penicillin and streptomycin substantially increased the number of positive ameba cultures.

In addition to the performance of serological tests for a variety of virus diseases, and virus isolation studies on patients, the virology unit collaborated with other members of the Department in collecting teaching material concerned with diagnosis, pathogenesis and histopathology of viral diseases.

Further progress, reported in a series of publications, was achieved by the Department's research units.

In conjunction with the Department of Medicine, it was found that Stilbamidine and Dihydroxystilbamidine exert a marked inhibitory effect upon histoplasma and blastomycosis.

Work was started towards the development of chick embryo antigen for the serological diagnosis of herpes simplex and investigations are being continued on a possible viral agent in Reiter's disease.

The effects of cortical extracts, ACTH and compounds E and F on bacterial infections in mice were investigated. While compounds E and F decreased the survival time of animals infected with streptococcus hemolyticus, some lots of cortical extracts occasionally prolonged the survival of infected mice.

The effect of these substances on the reticuloendothelial system, as evidenced by the uptake of India ink, carbon, thoratrast and dyes, is being investigated.

The use of paper chromatography resulted in the separation and partial identification of several components of ragweed. Large-scale purification of an active constituent was attained by the use of ion exchange resins. The active fraction was further characterized as a complex molecule containing a polypeptide, a carbohydrate and a flavanol pigment.

Studies on the effect of corticosteroids, salicylates, and other related compounds upon the Schwartzman phenomenon were continued. Attempts were begun to elucidate the mechanism whereby the addition of calcium pantothenate complements the ability of salicylates to inhibit the Schwartzman phenomenon. Evidence is being accumulated indicating that the suppressive action of the compounds involves the hypothalamus-pituitary-adrenocortical axis.

Studies were initiated on cultivation of viruses in tissue cultures for eventual application to poliomyelitis research.

An extensive research project was continued dealing with the influence of hormones upon resistance and predisposition to poliomyelitis. A series of investigations have already elucidated the histopathogenesis of previously reported cortisone potentiation of poliomyelitis infection. In recent observations, cortisone made possible production of poliomyelitis following peripheral inoculation of the virus (i.e., intraperitoneal, intramuscular, and subcutaneous). The development of a viremia and visceral lesions in animals thus infected demonstrate an extra-neural multiplication of the virus preceding the invasion of the central nervous system. The results obtained necessitate a revision of the previously accepted theories concerning the pathogenesis of poliomyelitis infection.

CHEMISTRY

NUMEROUS improvements were made in the routine chemistry blood analysis. We transferred the remaining major procedures that were still carried out in visual colorimeters to photoelectrical apparatus, thus removing the personal factor and increasing the speed. New methods for chlorides, cholesterol and keto steroids were studied, leading to greater accuracy. The flame-photometry of sodium and potassium, requested more and more, was completely reorganized, introducing automatic pipettes and combining substantial economies in glassware, reduction of required blood volume, and increase of speed. The rendering of reports was considerably expedited. The distribution of chemically clean glassware and specially prepared oxalated and fluorized specimen bottles was centralized in the Main Laboratory, eliminating a transfer operation. (The number of tests performed is listed in the "Statistics" section of this book.)

Various research units contributed valuable routine analyses. The Nutrition Laboratory performed over 250 Vitamin A analyses and about 100 carotene and 100 fecal fat determinations, the Enzyme Laboratory 200 secretin and 100 blood amylase tests, the Endocrinology Laboratory over 1,000 determinations, primarily urinary steroids, and the Iodine Laboratory almost 400 analyses of protein-bound iodine.

A new quick method was introduced for the determination of bile pigment in urine, using a previously prepared reagent tablet.

The claim that the alloxan titer in the blood serum rises substantially after ingestion of carbohydrate was not substantiated.

Water and Electrolyte Metabolism in Renal Disease—Twelve cases presenting problems of diagnosis and management of renal diseases were studied; four additional cases were dialyzed by means of the Hospital's artificial kidney. These were cases of severe, acute and chronic renal insufficiency. Dialysis was efficient, but the clinical results were equivocal. Prolonged and extensive investigation into renal abnormalities was carried out on one case of the Fanconi syndrome and two cases of renal tubular acidosis.

The effect of surgical removal of parathyroid adenoma upon the renal tubular transport of inorganic phosphate was studied pre- and post-operatively in three subjects with hyperparathyroidism.

In conjunction with the Department of Medicine, a series of studies concerning the mechanism of renal uric acid excretion in normal and gouty subjects was undertaken. The mechanism of action of uricosuric agents and the possible enzyme systems involved in the renal tubular transport of uric acid were studied.

Monomolecular Films—Compounds of ketosteroids with novel keto-reagents were spread as monomolecular layers. Some of the films showed particular transition points under pressure, a phenomenon which we ascribed to "hydrogen bonding," since it was only observed in compounds containing a free H-atom in the critical position.

The monomolecular layer method for lipoids in minute amounts of children's blood was further perfected. A mechanical projection method was developed which yielded reproducible results. A comparison of this method with the usual chemical analysis, based on an adequate number of samples, will permit the introduction of this procedure into routine.

Protein and Enzyme Research—Considerable progress was attained in the work on thermophilic micro-organisms. In addition to the mesophilic and thermophilic form of *B. subtilis*, similar pairs were investigated for *B. circulans* and *B. sphaericus*. The nutritional requirements in strictly synthetic media showed that the thermophiles were astonishingly less exigent than the mesophiles in regard to vitamin and aminoacid requirements.

Furthermore, a set of interrelationships between vitamins and metabolites was discovered, which permits the assignment of individual vitamins to given enzymatic functions. The introduction of new microbiological tests for growth factors was a result of this disclosure.

The clinical enzyme laboratory completed studies on the effect of various stimuli on the blood amylase and on the effect of histamine and gastramine on pancreatic secretion.

The project involving the distribution of iodine in the protein spectrum of the plasma was terminated and a new project was being planned involving the preparation and administration of tagged iodine compounds to study their absorption and utilization in animals and humans.

With the Department of Pathology, the protein moiety of mucoproteins from

calf synovial fluid was examined and compared with collagen. Detailed analyses of the aminoacids in the hydrolysates of whole mucin and various fractions were performed by two-dimensional paper chromatography and specific tests for individual aminoacids. Proline, hydroxyproline and ornithine were found definitely absent. The effects of depolymerizing enzymes and proteolytic enzymes upon the polysaccharide and protein fractions were observed. Simultaneous studies of the titration curves and salt-binding capacity of mucin were begun.

Drug Eruptions—The metabolic fate of tracer-labeled Nirvanol was tested in rats. The results indicated that the metabolism of this drug differed in men, in whom it produced a rash, from that in rats, monkeys, rabbits, guinea pigs and suckling pigs. This topic will be further studied in the radioactive tracer laboratory of the new Atran Laboratory Building.

Physical and Organic Chemistry—In continuation of the studies on salicylate derivatives, numerous naphthalene homologs were prepared and the hydrolysis of their phosphate esters compared under a variety of conditions. The relative rates of hydrolysis can be satisfactorily explained by the assumption of a "participation" type of reaction. This work throws new light on modern theory of reaction mechanisms.

Nutrition Research—Previous studies in this laboratory suggested an important role of the adrenal cortex in lipid metabolism. Patients treated with large doses of ACTH or cortisone over prolonged periods showed considerable elevation of serum lipids. These observations were expanded to animals. Cholesterol-fed rabbits exhibited an enormous superimposed elevation of serum cholesterol and of the other lipid fractions when treated with cortisone or hydrocortisone. The serum of these animals had the appearance of heavy cream and showed hitherto-unobserved concentrations of total lipids in the blood (up to 12%) and of blood cholesterol (up to 5%).

Another series of studies was performed to evaluate the role of the thyroid in the mechanism responsible for the blood lipid changes produced by the administration of cortisone and hydrocortisone. In the rabbit, thyroidectomy did not prevent these changes, while in the dog and in man absence of thyroid function caused complete inhibition. Thus, the role of the thyroid in lipid metabolism in the herbivorous rabbit seemed to differ from that in the carnivorous dog and omnivorous man.

Studies in sprue were continued. While hydrocortisone acetate was poorly absorbed and was found to be ineffective, the free alcohol hydrocortisone represented the most powerful drug for the treatment of therapy-resistant sprue. The clinical improvement manifested itself in cessation of diarrhea, increased appetite, sense of well-being and remarkable gains in weight. In addition, there was a return to normal values in the various absorption tests (glucose tolerance, Vitamin A tolerance) and of the fecal fat content.

Studies on hereditary hypercholesteremia were expanded with the assistance of the Health Insurance Plan of Greater New York to a completely unselected population group in Staten Island. Thus far, 60 families consisting of parents and at least two children have been studied. These studies confirmed previous observations made on the population of Mount Sinai Hospital.

In a study of celiac disease in children, fractional analysis of fecal fat and other constituents was used to test the beneficial effect of certain carbohydrates in the diet upon the clinical conditions of the patients.

The monthly Physiological Chemistry Seminar included lectures on: "Antitubercular Hydrazines," by H. H. Fox and R. J. Schnitzer, Hoffman-La Roche, Inc., and I. J. Selikoff, The Mount Sinai Hospital; "Purification of Antibodies by Means of Antigens Linked to Ion Exchange Resins," H. Ch. Isliker, Harvard Medical School; "The Application of Ion-Exchange to the Chemistry of Ribonucleic Acids," Waldo E. Cohn, Oak Ridge National Laboratory; and "Amylase Action and the Structure of Starch Complexes," Charles O. Beckmann, Columbia University.

ENDOCRINOLOGY RESEARCH

OUR research problems were in the following categories: experimental interrelationship among the adenohypophysis, thyroid, and adrenal glands; the influence of the several endocrine glands on extracellular compartment as measured by the sodium thiosulfate space; experimental exophthalmus; the influence of adrenocorticotropin and adrenal steroids on thymic mass; the clinical study of testicular abnormalities; the use of adrenocorticotropin and cortisone in the management of acute disseminated lupus erythematosus; and the management of Addison's disease with microcrystalline suspensions of desoxycorticosterone esters.

The problems were arranged so that each man participated intimately in at least one problem and had considerable responsibility for it. Laboratory conferences were held at stated intervals, in which the progress of the various research activities were open for general discussion and correlated. In addition, frequent individual conferences were held with each investigator to outline further experimental approaches to a given problem. Clinical conferences were held three times a week, in which selected clinic or ward patients were discussed by the whole group.

During the year, there were two applications from Israel for fellowships in the Endocrinology Laboratory, one from the University of Lima, one from the University of Brazil, and one from the University of Naples. Eight young men and women from various parts of the United States also applied for such fellowships. They were from the University of Illinois, Barnes Hospital of Washington University, and several came from hospitals in New York City. As many places as were possible were made available for these applicants.

The Endocrine Clinic is manned by the members of the Endocrine Laboratory, so that there is correlation between the clinical work as represented in the Out-Patient Department and the Laboratory's investigative work. In addition, the men in the Laboratory and clinic see patients with endocrine problems in the Consultation Clinic and patients from the various wards of the Hospital whose staffs request consultation and management from our group.

GASTROENTEROLOGY RESEARCH

IN keeping with the general policy of the Gastroenterology Research Laboratory, a variety of research on fundamental physiological problems and also on

gastrointestinal disorders was pursued. In great part, investigations were conducted in collaboration with the clinical services. The combination of clinical and animal research broadened the scope of laboratory activity and yielded much basic knowledge required in the study of practical medical problems.

Studies on the physiology, chemistry and histology of mucous secretion, with particular reference to cancer of the stomach, were continued for the seventh year with the aid of a special grant. They included an investigation of the acid-neutralizing power of mucous secretion, particularly as it concerns protection against ulceration, as well as a study of the chemistry and physiology of gastric mucin, the chief component of this secretion.

The microscopic appearance of dried smears of pure mucus and gastric aspirates was studied to determine their validity in the diagnosis of stomach disorders, and parallel electron microscope studies were carried out in collaboration with Dr. John Watson of the Edsel B. Ford Institute for Medical Research, Henry Ford Hospital, Detroit.

The importance of the protective mucous barrier in relation to peptic ulcer was studied in experimental animals, in an effort to discover various physiological processes which initiate ulceration in man by inducing localized disruption of this structure. As part of this project, a surgical technique was developed for preparing double stomach pouches, one of which may serve as a control while the other is being physiologically treated.

Experimental work on development of gastric cancer in rodents was interrupted temporarily, but attempts were continued to develop a diagnostic procedure for this disease in man, based on a cytological study of gastric aspirates.

A new drug, Diamox, made it possible, in tests, to stop the formation of gastric hydrochloric acid in animals almost completely (97%), and the possibility is being weighed of using Diamox for clinical purposes. This agent was shown to act on the intracellular enzyme, carbonic anhydrase, and therefore on the cellular process making the acid. This was in striking contrast to antacids and drugs now used to reduce gastric secretion clinically, which inhibit the intensity of nervous stimulation of the organs and therefore are only partially effective.

Typical of these neuro-inhibitor drugs is the parasympathetic depressant, Banthine, which is being used with considerable success in the treatment of peptic ulcer and other gastrointestinal disorders. However, this chemical has certain special virtues, and a study of its clinical efficacy was continued. Also, in order to gain particular understanding of vagus nerve activity in relation to stomach function and how this was affected by Banthine, a new type of surgical operation was devised for the preparation of whole stomach pouches in dogs without interruption of vagal continuity. Studies were begun on the experimental development of ulcer in such preparations, and its prevention.

Another line of anti-ulcer therapy for man has concerned a study of the effect on gastric secretion of various extracts from almonds. This work derives from the practice in the Near East of eating almonds to relieve the symptoms associated with ulcer disease, and it was hoped that an understanding of the physiology and pharmacology of these effects may ultimately yield a new type of drug for this kind of therapy.

For purposes of diagnosis of ulcer disease, the basal secretion of the stomach without the use of a chemical or other stimulus was used increasingly. In keeping with this, a study was initiated of basal fasting hydrochloric acid secretion in Heidenhain pouch dogs. An investigation of the basal secretion of pepsin by the human stomach, previously started, was finished and prepared for publication.

THE Laboratory completed and published a study of the effect of vagus resection on pancreatic function, employing surgical patients who had been esophagectomized, and consequently completely vagectomized, for cancer of the esophagus or upper stomach.

The new drug, Diamox, was found capable of inhibiting the flow of pancreatic juice stimulated by secretin in dogs; it was the first time such inhibition by any agent was ever reported. The results demonstrate that the enzyme, carbonic anhydrase, has a major role in the formation of pancreatic, as well as gastric secretion. A parallel investigation was initiated on the intracellular mechanism by which the major inorganic constituent of pancreatic secretion, sodium bicarbonate, is produced in this organ.

An investigation of the effect of subtotal gastrectomy on pancreatic secretion in animals was terminated, and a report on its results was being prepared.

To trace the loss of potassium by patients with obstruction of the gastrointestinal tract, a study was made of this element in gastric secretion and it was shown that the stomach was a major route for the loss, but the mechanism by which it occurs is unknown. Research was carried out to learn the process and how it may be altered for clinical purposes. A related project on the effect of carbonic anhydrase inhibition on potassium and other electrolytes in gastric juice was pursued simultaneously, with the aid of Diamox.

New projects initiated included a study of physico-chemical factors influencing the character of gall stone formation; a clinical and physiological study of cardiospasm in man, relating particularly to the possibility of treating this esophageal disorder with a new adrenergic blocking agent; and an investigation of the effect of some surface-active chemicals, currently used in the preparation of certain foods and medicinals, on gastrointestinal motility in man.

The investigation of lysozyme output in ulcerative colitis, in which it was found that this enzyme was related to a generalized defensive process rather than a specific etiologic one, was completed and prepared for publication.

The problem of hunger and appetite is important, particularly in relation to obesity in man. A study in progress for several years on the effect of placing food directly into the stomach of a dog through a gastric fistula on the amount of food the animal eats voluntarily by mouth afforded further evidence of the important influence of the central nervous system on the process of eating.

PATHOLOGY

A TOTAL of 8,046 specimens removed at operation were examined; 357 autopsies were performed, including 162 examinations of the cerebrospinal system, and 14 necropsies of stillborn babies. The laboratory for exfoliative cytology examined 1,848 smears for cell diagnosis.

Twenty trainees worked full-time in pathologic anatomy and surgical pathology. Part of their time was spent in neuropathology obtaining a comprehensive training in all phases of morbid anatomy. Four of the Department's graduates who are now at other hospitals volunteered for part-time duties here, either in research or in the supervision of the younger full-time trainees. Their services are greatly appreciated because they add to the efficiency of the Department in teaching and investigation. During the year, three fellows completed their training, obtained the diploma of the American Board of Pathology and were appointed pathologists and Laboratory directors in hospitals recognized for intern and resident training.

Such accomplishments were gratifying as was also the constantly increasing number of applications for training from young physicians aiming to practice medicine and surgery. This trend demonstrates that knowledge of basic principles of medicine founded upon training in morbid anatomy is of intrinsic value in the practice of medicine. The daily instruction of the Department's junior staff and of the house officers was integrated with the routine departmental activity. It was informal, applying the immediate perceptions and diagnostic deliberations of the Department's experienced senior members to the education of their junior colleagues. This technique of postgraduate teaching was complemented as in the past by more formal exercises, such as weekly and bi-weekly clinical-pathologic conferences conducted in cooperation with the Department of Medicine. The two postgraduate courses in general pathology and in surgical pathology, given by the Hospital in affiliation with Columbia University, were continued.

INVESTIGATIONS of the kidney with the aid of the phase microscope led to observations localizing the deposits of abnormal proteins within the intercapillary space of the glomeruli, between the basement membranes of the glomerular tufts. Studies were concluded regarding the influence of the scorbutic state upon the formation of connective tissue ground substance. It was shown that thyroidectomized guinea pigs in the scorbutic state treated with thyrotropic hormone show the same increase in orbital ground substance as those under standard diet.

Investigations of synovial fluid by paper chromatography led to the identification of 12 amino acids. These studies initiated research into the protein constitution of the connective tissue ground substance.

Observations in systemic lupus erythematosus reported on last year led to conclusions regarding the role of the connective tissue in diseases of the cardiovascular system. The problem of necrotizing arteritis was investigated by a member of the Department under a special fellowship grant. Histologic investigations were carried out on experimental atherosclerosis under the influence of cortisone treatment and cholesterol feeding. The homeostatic mechanism was investigated in dogs poisoned with mercury bichloride.

In neuropathology, studies were completed of infantile diffuse sclerosis and of Wernicke's encephalopathy in infants. The main research of this division concerned itself with an analysis of phosphatase activity in tissues, specifically to delineate the character of the enzyme activity in nuclei. The associate pathologist in charge of neuropathology was appointed assistant professor of neuropathology at Columbia University.

The opening of the maternity pavilion and the intensification of pediatric activity added new demands for Pathology Department service which could not be satisfactorily absorbed with existing facilities. A subdivision was therefore created to cooperate with the Departments of Pediatrics and of Obstetrics and Gynecology. Dr. Lotte Strauss, a graduate of the Pathology Department who had been associate pathologist at Lebanon Hospital, was appointed associate pathologist assigned to pediatric pathology. While this subdivision is in primary affiliation with the Pathology Department, it also functions in cooperation with the clinical services and their education and investigative programs.

PHYSICS

THE clinical activity of the Radioisotope Group continued to grow, with 1,614 tracer doses of radioactive iodine administered for diagnostic purposes and 958 therapeutic doses given in cases of Graves' Disease and thyroid malignancy. This was an increase of 21 and 46 per cent respectively over the preceding year. The increase was due in part to a greater number of private referral patients to the group and also to the establishment of a Thyroid Clinic in the O.P.D. in 1951. The number of therapeutic doses used for O.P.D. patients rose from 139 in 1951 to 303 last year.

Increasing demand for the determination of radioactive iodine turnover in the blood as a diagnostic test of thyroid functions led to the construction of an optimal sensitivity scintillation counter which permits the iodine blood level determination while the patient waits, so that laboratory time is reduced and the patient is saved an additional visit to the Hospital.

Therapeutic work with radioactive phosphorus in polycythemia vera and leukemia was continued.

In collaboration with the Radiotherapy Department, radioactive gold was used in seven patients for treatment of ascites and pleural effusions due to metastatic disease, with definite palliative results in three cases and a symptomatic relief in another.

Experimental research in dose determination for a variety of β emitting radioactive isotopes led to a theoretical generalization of the results, which permits the calculation of dosage for any β emitter with known physical characteristics.

The requirements of clinical and research work with isotopes continued to make demands on the Laboratory for additional nuclear measuring equipment. To improve reliability, a new counting technique was explored, using magnetic computer elements instead of electronic counters.

RESEARCH on iron metabolism in anemias was continued in collaboration with the Hematology Laboratory. Work with Vitamin B₁₂ tagged by radioactive cobalt was started. Improved autoradiographic techniques were utilized in an attempt to trace individual red blood cells tagged with radioactive iron and phosphorus. The use of autoradiography in the investigation of thyroid malignancy was continued. The work with radioactive iron, cobalt and autoradiography was transferred at the end of the year to quarters in the new Berg Institute

of Research. The increased space permitted an expansion and intensification of the program.

The joint work with Neurosurgery on localization of brain tumors with radioiodine-tagged fluorescein and serum albumen became an integral part of the routine diagnostic work-up of patients with suspected brain lesions. A total of 110 patients were studied with a high incidence of correct localization as checked on the operating table.

In collaboration with Neurology and Neurosurgery, an amplifying, recording and stimulating system was developed for work with action potentials in the brain. This equipment was used in studies of cortico-thalamic facilitation and inhibition with multiple stimulation of various intervals.

For the Department of Surgery, a blood pump was designed and constructed for experimental cardiovascular surgery on animals, and a stress-strain analyzer was built for the investigation of elastic properties of arterial and venous walls, particularly for the examination of changes in vascular grafts.

Methods of exposure, development control, calibration and testing for diagnostic radiology, developed in 1951, were used to a large extent after the rebuilding of the X-ray Department, in order to obtain uniform and reliable results from automatic development equipment, and from the variety of new and old X-ray machines. Mathematical assistance was given in the development of pelvimetry by the X-ray and Obstetrical Departments. Continuous film badge monitoring of X-ray exposure of professional and technical personnel was instituted, to insure that no health hazards were present in the established procedures. In the Radiotherapy Department, dosage measurements were made on a number of patients undergoing deep X-ray therapy. Three lectures a week were given to residents on fundamental and current physical problems in radiotherapy.

X-ray diffraction continued to be used routinely for the identification of renal and urinary calculi. Microplethysmography also continued to be used in the diagnostic work-up of patients with cardiovascular disease. Routine activities of the Laboratory, in addition to the work described, consisted of calibration of radiotherapy machines, processing and standardization of radioactive isotopes for clinical use, and the maintenance of therapeutic, diagnostic and research equipment in various departments.

CARDIOGRAPHY

THE routine activities of the Cardiographic Department included electrocardiograms, heart sound tracings, pulse wave tracings, "2-step" exercise electrocardiograms, ballistocardiograms and the newer vectorcardiograms.

Although the "2-step" exercise electrocardiograms, which originated in our Department, have become an accepted test for coronary insufficiency, a long-term follow-up study was made on patients, to evaluate it further. A report of the study, presented before the American Medical Association last June, disclosed that coronary insufficiency is practically excluded when the "2-step" tests are negative, and virtually always present when positive.

We also reported on the association of disease of the biliary tract with disease

of the coronary arteries, showing that gallbladder disease and heart disease simulate each other and often occur simultaneously. The "2-step" exercise electrocardiogram is a means of distinguishing between them, despite the similarity of some of the symptoms they produce.

The new limits reported in 1951 of the normal range of blood pressure in the ages of 16 to 65 were applied to a study of blood pressure prior to coronary occlusion. The study supported only as regards women the theory that "high" blood pressure was a precursor of coronary thrombosis in 60 to 80 per cent of all cases. Using the new criteria, only a minority of males had high blood pressure before their heart attack. Since nearly 13,000,000 people in this country are 65 and over, a study of the blood pressures of this group is being initiated for the first time and may yield much useful information. In studies of the value of new drugs in hypertension, we have particularly determined the usefulness of 688A (dibenzylidine).

Statistics have proved that obesity shortens the life span, but no definite attempt had hitherto been made to show the relationship between obesity and heart disease. The Laboratory therefore undertook an investigation comparing the weights of men with angina pectoris, acute coronary insufficiency, acute coronary occlusion, or hypertension with those of a control group of some 74,000 persons free of cardiac disease. The study showed that obesity is twice as prevalent among cardiacs as among others.

A study of hundreds of patients with angina pectoris and coronary occlusion led us to describe coronary disease as the most important of all cardiac diseases, occurring three times as frequently as all other heart diseases combined. We stressed the practical distinction between coronary occlusion (complete obstruction of a coronary artery) and coronary insufficiency (partial obstruction) because only the latter can be prevented or cured.

Although chest pain is present in almost every coronary patient, it occurs also in functional heart disturbance, other forms of heart disease and extra-cardiac conditions. Toward enabling us to determine whether the chest pain stems from disease of the heart or other organ, or is nervous in origin, the Department began investigation of this factor to evaluate more closely its particular qualities in coronary disease.

Another study showed that approximately 40 per cent of patients complaining of cardiac symptoms such as shortness of breath and pain have functional heart disturbances rather than a cardiac disease.

The electron microscope was used to study the muscles of the heart, with promising results. The Department continued in the forefront with those who are pioneering in ballistocardiography and vectorcardiography. An attempt was begun by us to standardize the procedure of taking a ballistocardiograph, so that tracings could be studied and evaluated universally. Our work with vectorcardiograms has attracted students and observers from many parts of the world.

THE Department's teaching activities featured a course on newer advances in heart diseases given at the Hospital in conjunction with the American College of Physicians and attended by 150 physicians from the United States and Canada.

New graphic methods in cardiology were demonstrated, and there were clinical-pathological conferences and panel discussions.

Courses for postgraduate students in elementary and advanced electrocardiography continued to attract a high enrollment, including students from abroad. Special courses were instituted in electrocardiography for our interns. The Hospital Cardiologist and members of the Department read papers at many scientific meetings and had exhibits at others. The Department published three books, two monographs and almost 50 papers.

HEMATOLOGY

THE Hematology Laboratory's activities continued to grow. With the addition of prenatal and obstetrical patients, new types of procedures had to be introduced. Micro-techniques, for example, previously not used in the Laboratory, became a routine procedure. A complete overhauling of the record and filing systems was made necessary and was promptly effected.

As indicated, routine requests increased. Many tests which a few years ago were related exclusively to research (e.g., serum iron determinations, oral and intravenous iron tests, radioactive blood volume determinations and prothrombin consumptions) became routine. These tests enable us to pinpoint deficiencies in the various anemias, in coagulation problems, hemolytic disease and obscure hematologic disorders.

To help the Laboratory discharge its enlarged duties, the Hospital has increased the Resident Staff from one to two full-time residents plus an assistant resident and was planning to provide adequate laboratory space.

Because hematology is primarily a specialty of techniques developing out of the Laboratory's research orientation, the emphasis on investigation continued, with three major problems uppermost. The problems were: iron metabolism in the anemias; pernicious anemia and Vitamin B₁₂; and lupus erythematosus. Other research centers have adopted methods developed on those projects here. Collaborating with Hematology were the Departments of Pediatrics, Physics and Pathology and the Blood Bank.

As part of the development of clinical and research hematology the training of younger staffmen is important. Thus research fellowships have been granted to four of our laboratory staff for work on the specific projects mentioned above. One of these is a travelling fellowship granted to one of our former medical residents for training in immunohematology at the Postgraduate Medical School in London. These fellows will form a well-trained nucleus for the future development of hematology in the Hospital.

Teaching has been confined to the postgraduate students and the House Staff. Our plans include more emphasis along these lines, but space limitations are restrictive. Fourth-year students from medical schools periodically select our Laboratory for training in this specialty. With the increase in laboratory facilities, more intensive teaching programs and courses will be given.

We have also inaugurated a lecture series, "Seminars in Hematology," in which distinguished research workers in hematology are invited every month to

present the results of their studies. Exceptionally large attendance of the staff and physicians of the metropolitan area, has proved the need for such meetings.

Numerous papers and lectures were presented by the Laboratory staff during the year. Papers concerning the relationship of various enzymes to the lupus phenomenon appeared in a leading medical journal. The use of radioactive iron has been used in the study of anemias and an important paper concerning its use published from the Hematology and Physics Laboratories. Hemolytic anemia, polycythemia vera, the cytologic response to immune phenomena and other hematologic subjects comprised the publications of the past year. Lectures were given at the Academy of Medicine, Academy of Sciences, Veterans Administration and medical societies by the staff members and emphasized the growing interest on the part of the medical profession in Hematology and in Mount Sinai's contributions to this field.

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(r) *Resigned*

THE SCHOOL AND THE DEPARTMENT OF NURSING

WHILE the School of Nursing continued in its seventy-fifth year to maintain enrollment and standards and to keep the curriculum abreast of changing requirements, it was able to note its most significant progress in its continuing effort, limited only by the School's capacity, to make a nursing education available to the greatest possible number of qualified applicants regardless of ability to pay. The meaning of this concept in a time of paucity of professional personnel is self-evident.

For this substantial advance, the School is indebted to the estate of one of its earliest benefactors, the Murry and Leonie Guggenheim Foundation, which last spring established in its behalf a \$175,000 scholarship and student aid endowment fund. It was the late Murry Guggenheim who in 1905 established the first such fund for the School. Mr. Edmond Guggenheim is president of the Foundation.

Last October 14, scholarships from the new fund were awarded for the first time, with 133 students receiving \$50 each on advancing from the first to the second or second to third year. The fund also provides annually ten \$100 entering scholarships and other student benefits. It virtually assures that no worthy aspirant need be rejected by the School for lack of tuition or self-maintenance funds.

THE CENSUS OF THE SCHOOL AND DEPARTMENT OF NURSING AT THE CLOSE OF 1952

Director, School of Nursing and Nursing Service.....	I
Assistant Director, School of Nursing.....	I
Assistant Director, Nursing Service.....	I
Administrative Assistant.....	I
Supervisor of Instruction.....	I
Public Health Coordinator.....	I
Librarian	I
Instructors (full time).....	14
Supervisors	17
Assistant Supervisors.....	10
Head Nurses.....	83
General Duty Nurses.....	118
Per Diem General Duty Nurses to help fill vacancies.....	49
Students enrolled in the School.....	223
Practical Nurses, Nursing Aides and Ward Helpers.....	153

OWING to the clinical diversity of the Hospital, we have long been able to offer experience on the premises to students in all the specialties save one—obstetrics. Now, with the activation of the first maternity facility in the Hospital's history, the new Magdalene and Charles Klingenstein Pavilion, the faculty was completing plans to institute in 1953 training in that specialty, too, within the Hospital.

For 55 years, while Mount Sinai lacked a maternity pavilion of its own, obstetrical nursing training was made available to students by affiliation with the Sloane Hospital for Women, Columbia-Presbyterian. So felicitous was this long-time arrangement that we had come to take the kind cooperation of a great sister hospital for granted. It may be appropriate, therefore, to express again our deep appreciation to an esteemed neighbor.

THE School's student census remained encouragingly high. As of December 31, there was a student body of 223, including 86 first-year (with preclinicals), 59 second-year and 78 third-year. Only eight other nursing schools in the state have an enrollment of 200 or more. Sixteen more students were admitted here in 1952 than in the previous year.

The reputation enjoyed by the School of Nursing is reflected in the wide area from which its students are drawn. Of the 101 who entered last year many, of course, were from the state, but there was also representation from Ohio, Massachusetts, Vermont, New Jersey, Connecticut, Pennsylvania and Tennessee. The increased enrollment is directly attributable to the awarding to worthy applicants of six Murry Guggenheim and ten Murry and Leonie Guggenheim Foundation entering scholarships.

Commencement exercises for 75 members of the Class of 1952 were held in the Blumenthal Auditorium on February 4. The event was made particularly enjoyable by the commencement address given by Colonel Frederick v. P. Bryan, president of the Alumni Federation of Columbia University.

We were able to continue providing financial assistance to graduates desiring to avail themselves of nearby educational centers either to complete work toward a degree or to take special courses calculated to enhance their professional careers. With the aid of a Murry Guggenheim Graduate Scholarship, for example, Miss Phyllis Jennett, a 1947 graduate, was enabled to finish her program toward a B.S. degree at Teachers College. Several other faculty members also continued their graduate studies.

The curriculum committee of the faculty began a study of the first year's program with a view toward fuller integration of courses, elimination of repetition and more effective distribution of instruction. Apart from reviewing outlines of all courses, the study included a review of the functions and responsibilities of the various faculty positions. Students participated in the study of the curriculum.

Members of the faculty participated in community programs and attended local, state and national professional conclaves. Nine faculty members represented the School at the Hospital's Centennial Dinner at the Waldorf-Astoria on November 13.

Student extra-curricular activities continued to flourish and to contribute a balancing factor in the development of the individual as a social being as well

THE FACULTY OF THE SCHOOL OF NURSING

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BESSIE I. WOLFSON, B.A., M.A., R.N.....	Assistant Director, Nursing Service
PHYLLIS T. JENNETT, B.S., R.N.....	Administrative Assistant
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EDITH UHLAR, B.S., R.N.....	Public Health Coordinator
SELMA NEEDLEMAN, B.S., R.N.....	Instructor in Nursing Arts
GRACE EVANS, B.S., R.N.....	Assistant Instructor in Nursing Arts
JEAN BOE, R.N.....	Assistant Instructor in Nursing Arts
CATHERINE CAFFERY, B.S., R.N.....	Science Instructor
THERESA LOSZEWSKI, B.S., R.N.....	Science Instructor
MARY SWEENEY, B.S., R.N.....	Assistant Science Instructor
LENA MAGGILINI.....	Clinical Instructor, Medical Nursing
JOYCE SUFRIN, B.S., R.N.....	Clinical Instructor, Surgical Nursing
CHARLOTTE LIPSON, B.S., R.N.....	Clinical Instructor, Pediatric Nursing
LILLIAN RUNNERSTROM, B.S., R.N.....	Instructor in Maternity Nursing
EDITH G. RYAN, R.N.....	Supervisor of Nurses, Semi-Private Pavilion
ESTHER HORST, B.S., R.N.....	Supervisor of Nurses, Private Pavilion
ALICE ROWE, M.A., R.N.....	Supervisor of Nurses, Maternity Pavilion
EDNA DILLON, B.S., R.N.....	Supervisor of Nurses, Medical Pavilion
MARY LUBITZ, B.S., R.N.....	Supervisor of Nurses, Surgical Pavilion
SYLVIA BARKER, B.S., M.A., R.N.....	Supervisor of Nurses, Pediatric Pavilion
RUTH SPINK, B.S., M.A., R.N.....	Supervisor of Nurses, Out-Patient Department
JEAN JOLLEY, R.N.....	Supervisor of Nurses, Operating Room
SUSAN MYERSON, R.N.....	Night Supervisor of Nurses
CHARLOTTE HILL, R.N.....	Evening Supervisor of Nurses
ESTHER JACOBY, R.N.....	Supervisor of Nurses, Delivery Rooms
ERMA BAHRENBURG, B.S., R.N.....	Assistant Day Supervisor
HELENE HOROWITZ, B.S., M.A.....	Instructor of Physical Education
DOROTHEA L. HORSTMANN, B.S.....	Instructor in Nutrition and Diet Therapy
HELEN MORLEY, R.N.....	Librarian

as a professional nurse. The library, which has 1,049 different titles and 1,861 volumes, was able to add new publications and books for both student and faculty use. With the aid of the Scholle Fund for recreational and cultural activities, the Student Association was able to implement an enjoyable program.

Among the social events were teas, dances, trips to The Oaks, concerts and motion pictures. Instruction was provided in the modern dance, choral singing, horseback riding and other arts and sports. The senior prom, held at the Hampshire House, was an outstanding event. An excellent yearbook was published. A new television set, long-playing records and fiction books provided many happy hours in the Student Lounge. Delegates from the Student Association participated in the Student State Association meetings here in October.

At a conference of schools of nursing faculty members and the State Edu-



A CLASS IN THE NURSING ARTS

cation Department, Associate Commissioner of Education Robert C. Killough declared that, since the shortage of professional nursing personnel cannot be reclaimed, the emphasis must be on assigning non-professional duties to auxiliary personnel. With equal conviction, he warned schools of nursing to resist the temptation inherent in the critical situation of compromising professional standards.

That our school has entertained no notions of altering standards is attested by the State Education Department itself which, following an inspection here, reported in part:

"The purpose of this visit was to learn the progress the School has made in the interim since the last inspection. It was a most gratifying visit. A democratic spirit pervades the School, necessary organization exists and functions smoothly, records are maintained in good order, and there is an apparent interest in all persons related to the School. Both the School and the Hospital have made marked strides for improvement since the last survey, thus maintaining a history of progress."

No less gratifying has been the performance of our students in the State Board examinations. Last year the entire class of 75 passed. In the five years from 1948 through 1952, a total of 344 Mount Sinai candidates have taken and passed the State Boards without a failure—a remarkable record, indeed. The School was approved for 1953 by the Accrediting Service of the National League for Nursing.

DURING the year, several favorable amendments were achieved in personnel practices affecting the graduate nursing staff, the most noteworthy of which was perhaps the doubling of the differential pay rate for evening and night duty.

The shortage of graduate nurses continued to be a vexing problem, which was ameliorated to some extent by the training and hiring of auxiliary personnel. The daily average of private duty nurses on duty in the Hospital during the year was 275, and of per diem nurses, 45. At year's end, there was a total of 153 practical nurses, nursing aides and ward helpers assigned in the Hospital. Of 17,794 requests for private duty nurses, we succeeded in filling 14,813.

In closing, I convey the gratitude of my fellow members of the Board of Directors for the past services of Mr. Richard Deutsch and Mr. Harold Wimpfheimer, whose resignations we accepted with regret. One of the vacancies was filled with acceptance of a place on the Board by Mr. William Rose II. For the functioning of the student health program we are indebted to Dr. E. Z. Epstein. The exemplary cooperation of Dr. Martin R. Steinberg, the director of the Hospital, and his staff made the year's accomplishments less difficult. And the Board would be remiss did it not reserve its deepest gratitude for the complete devotion of Miss Grace A. Warman, director of the School and of nursing service, her principal associates, Miss Minnie H. Struthers, assistant director of the School, and Miss Bessie I. Wolfson, assistant director of nursing service, and their many colleagues in the service of the school and the Hospital.

PHILLIP W. HABERMAN, JR., *President*
The School of Nursing

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Mrs. Henry Siegbert
Mrs. Frank L. Weil

* *Resigned*

THE SOCIAL SERVICE DEPARTMENT AND AUXILIARY

THE SOCIAL SERVICE DEPARTMENT

IN reviewing the activities of the past twelve months, a most significant achievement was the study made of the organization and functions of the Social Service Department. Mrs. Celia R. Moss, of Pittsburgh, Pa., was engaged for this analysis. Such surveys are usually traumatic experiences for the personnel of an agency, but Mrs. Moss's presence did not disturb or dislocate the activities of the Department to any great extent. The entire staff gave her wholehearted cooperation and shared with her every detail of its work. At her request, a special Advisory Committee of physicians, Social Service Auxiliary members and administration representatives was appointed by Dr. Martin R. Steinberg, the Hospital director. The already existing Committee on Social Service of the Medical Board held a meeting for a discussion of the plans for the Department's review. A preliminary report was submitted to Dr. Steinberg and the completed report was expected early in 1953.

Meanwhile, the Department began to implement some recommendations which were considered feasible. There has already been effected a gradual change from 100 per cent contact with ward patients to a more selective intake policy. It was expected that gradually the resident physicians would be able to assume more responsibility in referring patients with problems to the social worker.

New discharge sheets were added to the medical charts to help focus the attention of physicians on better discharge practices and to enable referrals to the social worker to be made on a more individualized basis.

THE reorganization of Social Service in the medical clinics which began in 1951 was extended last year to the Eye, Skin, Genito-Urinary, and Ear, Nose and Throat Clinics. Under the new plan, one worker acts in the capacity of intake worker and refers patients requiring intensive casework help to a designated worker. A case aide is assisting in place of the third worker in this arrangement. It is expected that the intake worker will be able to spend more time with physicians while patients are in the clinic and interpret to the physicians the social and emotional factors and their effect on the medical care of the patients.

The entire Ward and Clinic Orthopedic Services were placed under the direction of one worker to permit greater continuity of service to patients. An evaluation of the function of the workers indicated that a case aide could be substituted for the second case worker because many of the duties were of a routine nature. With this assistance, the social worker is now able to give more of her time to casework needs.

Daily visiting on the Children's Wards was initiated during the year and the results were favorable. The children appeared to accept hospitalization more easily and parents were more accessible to workers for interviews.

There was a change in the trend of our summer work with children, more parents making their own arrangements for camp care through the Jewish Vacation Association. Comparing 1952 summer placement figures in Child Psychiatry with previous ones, a gradual increase was found each year in the numbers sent to camp. This would seem to show that as physicians and case workers, through longer contacts, come to know more about the patients and their families, the therapeutic benefits of camp care for even a brief period become more recognized.

WHEN the Hospital undertook a group pilot project for the study, diagnosis and treatment of cleft palate and cleft lip cases, Social Service was asked to provide a part-time case worker. By redesignating some of the Pediatric Services, we were able to assign a Pediatric surgical worker to this project. The clinic intake increased rapidly until it required two-thirds of the worker's time. Her work consists of interviewing mothers, compiling developmental data for diagnostic use, evaluating family situations with reference to their implication upon medical care and the effect upon patient adjustment to his problem and his total rehabilitation. Up to the year's end, the emphasis was on the diagnostic function, but as the clinic expands, increased treatment responsibility will be assumed by the social worker and her full time will be required.

During the establishment of the Prenatal Clinic and Maternity Ward, the director of Social Service and a case worker participated with other professional Hospital personnel in a number of meetings, and also had the opportunity to consult with the obstetrician and nurses individually to determine lines of responsibility. This liaison proved important in developing a program of improved service to patients and a more harmonious staff relationship. With regard to those ward and clinic maternity services, we consulted with a few appropriate agencies in the community to determine matters of common interest. The great need for casework on the Maternity Service is shown by the following figures: In August, the first month, the caseworker was active on eleven cases, whereas in December, she was active on eighty-five cases. By the year's end, 405 cases were registered in the Prenatal Clinic and the social worker was helping on 161 of them. The rate of increase in referrals from the medical team, nurses, receptionist, registrar and others attested to an awareness of patients' problems and an understanding of the caseworker's function.

The problems occurring on the Maternity Service are as varied as life itself and range from unwed mothers to pregnant women whose husbands are seriously disturbed emotionally and to whom having a child may create serious complications. Housing of many of the families is deplorable, although if the husband is a veteran and the annual family income is below \$2,500, the chances for better housing in projects supported by public funds are good. A letter from the caseworker in exceptional cases frequently expedites action. However, it is not to be supposed that the solution to the problem is very simple, for it usually takes weeks and, more likely, months to get results. The care of children during the mother's confinement is another problem and apt to be a source of genuine concern to her, especially if the husband is in the armed services and there are

no relatives. Such a difficulty must be worked out on an individual basis. A careful review and discussion with the patient will frequently lead to a satisfactory plan, but it may be necessary to refer the family to an appropriate community agency. To some women, pregnancy is a real hazard. This is especially true with cardiacs, the tuberculous and the diabetic. Again, in the event that the home situation is not too good, community agencies can be used to strengthen it during this period. Marital problems also may be intensified or brought to a climax by pregnancy. Because of these many complications, sound judgment is imperative if we are to help the individual to receive proper professional attention.

SEVEN casework vacancies occurred and some were not filled by the year's end. There is still a shortage of adequately trained social workers. One former caseworker returned to the staff after completing professional training.

The social workers evidenced continued interest in community affairs and used every opportunity to participate in meetings, conferences and committee groups. The general staff meetings were largely devoted to discussions by speakers from agencies frequently used by the staff.

The Educational Supervisor, as chairman of the Staff Education Committee of the North Atlantic District, American Association of Medical Social Workers, had the responsibility for the completion and publication of the report on "Criteria for Staff Education Programs," which has attracted considerable attention in the field of medical social work and has had a fairly wide national distribution. Of special interest is the fact that our departmental program for staff education influenced and also served as a laboratory experiment for the criteria developed in the report.

We were invited, as the representative of the voluntary hospitals, to participate in a seminar conducted for attendance officers by the Board of Education, and to interpret to the group the role of the voluntary hospital and its social service department.

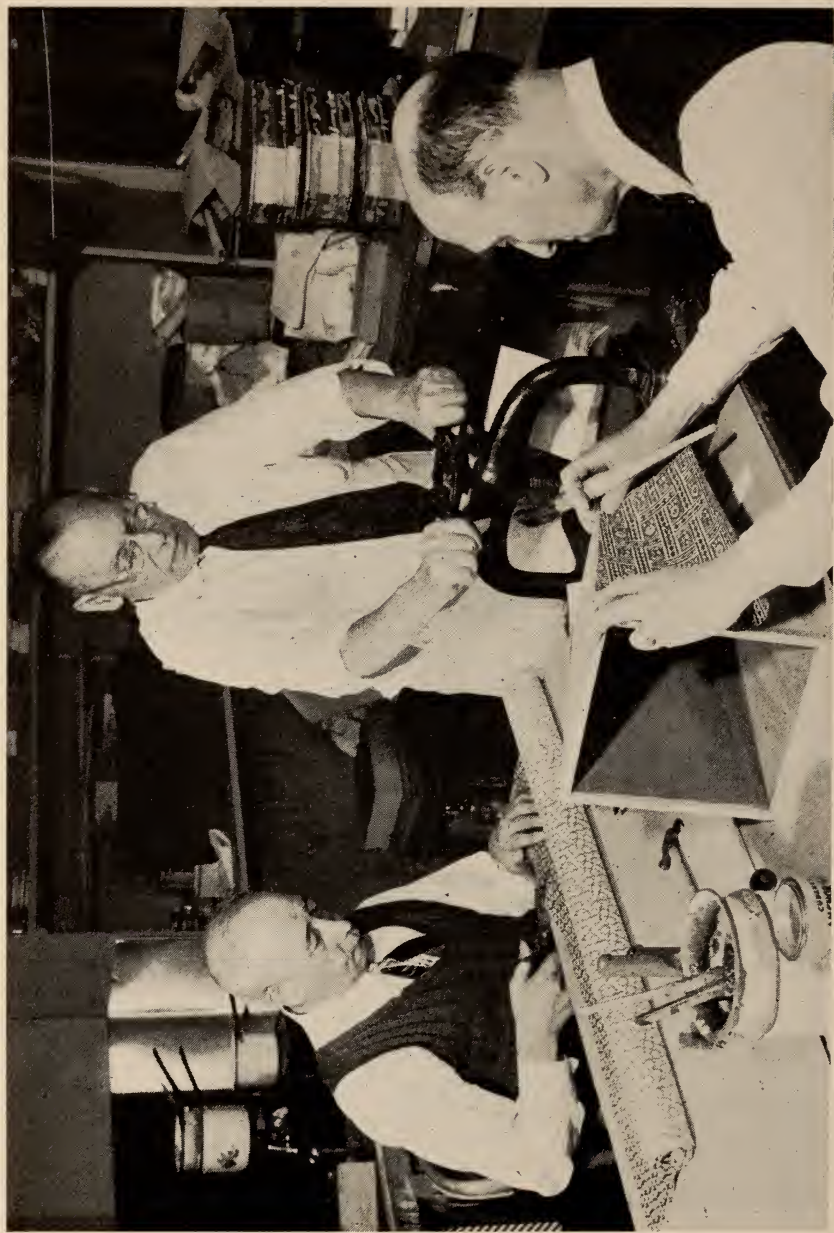
The Child Psychiatry Division was accepted as an associate member of the American Association of Psychiatric Clinics for Children. The senior case worker is the clinic representative of the New York-New Jersey Regional Group.

The basic unmet needs in the community as reported over the last few years were not materially changed. Inadequate housing accommodations, the dearth of facilities for the care of the chronically ill and the aged, and many other similar problems persisted.

THE SOCIAL SERVICE AUXILIARY

MISS ANGIE JACOBSON, a member of the Social Service Auxiliary since 1918, resigned on account of ill health. Miss Jacobson had been an invaluable member of the Board, having at one time been secretary and chairman of volunteers. Her resignation was accepted with regret. Mrs. Richard Bernheim was elected to fill the vacancy and joined the Board in April.

Under the able leadership of Mrs. Myron I. Borg, better cooperation has been achieved during the United Hospital Fund Campaign, resulting in increased returns.



A SCENE IN THE SOCIAL SERVICE WORKROOM

In order to keep abreast of Federation developments, "Highlights," a bulletin issued by the Women's Division of Federation, was read at our monthly meetings.

The co-chairmen of the Volunteer Committee, Mrs. George Lee and Mrs. Robert H. Kridel, made a survey of the volunteer departments of eight voluntary hospitals and presented a report of their findings to the Auxiliary. Their report, which included specific recommendations for reorganizing the volunteer unit at Mount Sinai, was approved by the Auxiliary and by the Board of Trustees. As a result, a Department of Volunteers was created in April, with a full-time director, on an administrative basis similar to that of other departments within the Hospital.

The reorganization has resulted in an extension of volunteer service throughout the Hospital. Many new policies were initiated, such as the awarding of specially-designed Mount Sinai pins based on 150 hours of service. They were presented for the first time in December at a "Sherry Party" for volunteers. The record shows an increase of 6,482 hours of service from May to November over the same six-month period in 1951. At the year's end there were 202 volunteers listed in the active files, all assigned to vital areas of work within the Hospital. It is hoped that the Volunteer Department will continue to relieve an overburdened professional staff and to grow with an expanding, complex Hospital.

Mrs. VICTOR S. RIESENFELD and Mrs. Jesse Asinof undertook to study the recreational program in other hospitals and the needs for recreation of patients on our adult wards. They interviewed many physicians, nurses, social workers and patients, and discovered a general desire and need to institute such a program here. On the basis of their report to the Social Service Auxiliary and to the Administration, funds were allocated to conduct a pilot experiment. Ward K was selected for the project which began in October, and Dr. Jack Ruthberg, an assistant director of the Hospital, was designated to work with the Recreation Committee.

Because ours was the first such program in an acute, voluntary hospital, Mrs. Beatrice H. Hill, recreation consultant to the Rehabilitation Service of Bellevue and Goldwater Memorial Hospitals and the Institute of Physical Medicine and Rehabilitation, volunteered her services to inaugurate the experiment. She brought a number of trained volunteers with her. We obtained others through the Red Cross, which is training volunteers especially for recreation in hospitals, and from our own Volunteer Department.

Within a week, the program was extended from one ward to three, and a part-time professional worker was needed. Funds to cover the salary for eight weeks and to provide a small, working budget were granted by the Social Service Auxiliary, which subsequently extended the grant to include an additional two months' work. A climax of the new experiment was a successful Holiday Party on December 19 for all adult wards.

In December, a conference was held with Dr. Steinberg, Dr. Ruthberg, Dr. Gutman and the President of the Social Service Auxiliary to evaluate the experiment. The medical reaction was unanimously favorable. Mrs. Alfred A. Cook graciously authorized the use of income up to \$6,000 from the Ruth M. and Alfred A. Cook Fund to finance a one-year experiment in hospital recreation.

There was a distinct understanding that, if the Hospital wished to continue the program after the first year, its financing will become part of the regular hospital budget. The program will involve the services of a full-time professional worker and the purchase of basic equipment. So once again, Mount Sinai has become a pioneer in new techniques.

Our Children's Recreation program, one of the oldest in the city, is a great help to the nurses, as well as to the patients on the wards. The child recreation worker, formerly called kindergartner, is aided in this program by a large and interested group of volunteers and the wholehearted cooperation of the nurses on the children's wards. It is hoped in time that this program can be made more effective by the addition of a part-time assistant and that it may expand to include semi-private patients. Mrs. William M. Cahn, Jr., is chairman of the committee in charge of this program.

THE Maternity Committee, chaired by Mrs. Alfred A. Cook, had its first meeting in June. At that time, plans for a Babies' Alumni were discussed. Mrs. Cook obtained the cooperation of a group of women connected with Temple Emanu-El who, under the leadership of Mrs. Irving Katz, have undertaken to supply our Maternity Ward services with baby clothes for mothers unable to afford them. The clothes are distributed on a carefully determined basis by the social worker and nurses in the Prenatal Clinic. Through special arrangement, The Free Milk Fund for Babies, Inc. agreed to give milk daily to ten expectant mothers with very low incomes. A library consisting of books on prenatal care and related subjects of an educational nature was started for the use of clinic and ward patients.

The Gift Shop, also one of our new ventures, which opened June 17, has developed into a thriving, busy center. With the exception of its manager, it is entirely staffed by volunteers who give regular hours, including weekends and evenings. The Gift Shop has been a great convenience to Hospital personnel, patients and visitors. The unusual selection and attractive display of merchandise have received many favorable comments. Mrs. Robert M. Benjamin, chairman, and her able committee have given unstintingly of their time to make this project a success.

Mrs. Louis M. Loeb, chairman of the Committee on the Physical Set-up of the Social Service Department, presented a preliminary statement regarding reassignment of the Department's space.

THE Social Service Workroom continued to serve a useful purpose. The Green Box, the retail outlet, was open for two months at 971 Madison Avenue. During that time over 120 new customers were added to the list. They came in attracted by the window display and were greatly interested when told of our rehabilitation project. The gross sales for the two-month period totaled \$10,500, an increase of \$1,000 over last year. Miss Edith Sachs is chairman of the committee.

The Library increased its service to patients and helped alleviate many tedious hours. Many patients develop an interest in reading for the first time and it is necessary for the Library to maintain on its shelves reading matter which provides entertainment for many age levels and diverse cultural backgrounds. Therefore,

our plea for more books will remain a constant one, Mrs. Edward J. Rosenwald, chairman of the Library Committee, reported.

Mrs. William D. Scholle, chairman of the Occupational Therapy Committee, has been making a thorough survey of occupational therapy departments in other voluntary hospitals. The results of her findings will be given serious consideration in improving this service.

The case committee meetings continued to be well attended. The range of cases discussed offered a stimulating insight into medical and pediatric casework, its current trends and problems as found in our Hospital and as related to other agencies in the community. Dr. Steinberg attended several monthly meetings to discuss the Hospital's plans and problems. Other topics of interest included hospital chaplaincy service and hospital recreation programs. Mrs. Frank L. Weil is chairman of the committee that instituted these successful meetings.

We continued to bring to the Board requests from members of the staff for study subsidies, which the Board has been generous in granting. During the year, ten staff members received grants for twelve courses at various schools and the second-year scholarship was granted at the Pennsylvania School of Social Work to one of our case workers.

We are deeply grateful to the community agencies which have helped us in our work, especially the Federation of Jewish Philanthropies and the United Hospital Fund.

I cannot close this report without thanking the director of the Hospital and his assistants, the director and staff of our Social Service Department, and the members of the Social Service Auxiliary for their devotion and loyalty.

HORTENSE M. HIRSCH, *President*
Social Service Auxiliary

OFFICERS AND DIRECTORS OF THE NEUSTADTER FOUNDATION

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Mrs. Edwin C. Vogel

Honorary Director

Albert Forsch

* *Resigned*

THE NEUSTADTER HOME FOR CONVALESCENTS

IN considering the overall subject of convalescent care, I decided to try to find out when convalescent care was first mentioned in medical annals. Strangely enough I discovered that it was considered important even in the time of the ancient Romans and Greeks, many centuries before the advent of so-called modern medicine. In the mid-1800s, in France, the government built two convalescent care homes, one for women and one for men. In World War II, increased attention was given to convalescence because of the anxiety to get the men back in the ranks and also because of a more humane interest in the well-being of the individual soldier.

At present, convalescence is considered a post-hospital phase of illness, just as there is a hospital phase. It is the time between illness and recovery, when we attempt to undo the psychological impact of being hospitalized. This aim guides us and is the sum total of all that we seek to achieve at Neustadter.

Some of the more important statistical figures will afford an insight into the scope and direction of the year's accomplishments. Our total expenses for 1952 were \$185,631.51 as compared to \$172,126.70 in 1951. The cost per patient-day in 1952 was \$8.92 as against \$8.33 in 1951, an increase of \$.59, certainly a very small percentage considering the spiraling costs in foods, general maintenance and salaries, and the additional fact that the entire personnel of Neustadter was now on a 40-hour week. The income per patient-day was \$3.90 in 1952 as compared with \$3.11 in 1951, so that the loss per patient day in 1952 was \$5.02 as against \$5.22 in 1951.

A total of 988 patients was admitted during the year. There were 20,407 patient-days in 1952 compared to 20,330 in 1951. There were 357 "city" patients. The total number of patients cared for was 1,118, including holdovers from 1951. The average daily census was 55. The average length of stay was 21-plus days.

The professional staff, including physicians, numbered 22, the domestic and maintenance staff 27, and there were four part-time workers. Dr. Herman Zazeela continued to head the medical staff on which Drs. Jonas H. Sirota and George S. Naumburg, Jr., also served. A wide variety of unusual cases at Neustadter last year included many more severely-ill patients and an increase in the number of cardiac and psychiatric cases. As a consequence, our nursing staff had a greater strain from the point of view of both work and responsibility, and it was to the credit of Miss Olive Rathbun, the head nurse, and her associates that the task was handled so well.

Mrs. EDWIN C. VOGEL, chairman of our Medical Committee, had conferences with representatives of the Mount Sinai Medical Staff and Administration to review the policy of admitting such sick patients. It was resolved to screen more carefully at the Hospital before admission, but to continue to take cases as serious as we were equipped to care for.

Forty-four patients of a total of 988 were sent back to Mount Sinai because of relapses or complications, an increase of four per cent over previous years. This indicates the degree of illness of some Neustadter patients. In January, we received an application for appointment as resident physician from Dr. Robert Fisher and he was appointed in March to serve for six months. Dr. Fisher had a foreign medical degree and, while completing studies prior to examinations for his American medical degree, was glad to give his services. The very presence of a resident physician gave our patients and nursing staff a great feeling of security. We are now hoping that a plan will be evolved so that we will have interns from Mount Sinai on a rotating basis. Not only would this give security to patients and staff, but the intern himself would receive valuable experience in a phase of medicine not found in hospital training. Knowledge gained at Neustadter would serve as a nucleus for better integration between Mount Sinai and the Home.

The salary scale of nurses was reviewed and revised upward again in compliance with the Mount Sinai schedule, the increase amounting to about ten per cent. We again supplemented our registered nurse staff with practical nurses and aides although the latter positions were difficult to fill.

Forty-seven per cent of our patients were on special diets. Miss Karola Weisenbeck, our dietitian, had many difficulties to overcome, such as resentment against special diets, and encouraging patients on regular diets to be tolerant of their other table companions. The 40-hour week, instituted June 15 for domestics, made it necessary to add one more employee to the dietary staff.

In occupational therapy, we tried, as usual, to encourage patients to accept the project promising the best therapeutic results. Projects were often selected by the patient as a possible means to future earning power and to develop new skills in the reorientation towards a new occupation because of a changed physical condition. For this reason, leather projects were extremely popular. Projects were also selected as outlets for emotional conflicts. Those so selected were more creative, such as working with ceramics or metal, or participating in and preparing for recreational events (making props, writing skits and actually performing, etc., in the entertainment of other and older groups).

Because of the presence of sicker patients, we needed more outside entertainment. In this regard, we were fortunate to benefit from the ability of Mrs. Hedwig Planner, our occupational therapist, to bring to the Home a variety of artists of diversified talent.

When Miss Esther Weissbluth became ill, we engaged in June a new occupational therapy assistant, Mrs. June Delvalle. I regret to announce that Miss Weissbluth, who had served us so well, died on October 10.

The Hospitality Shop was self-sustaining, while continuing to serve patients, their friends and the staff. It was the social center of the Home, particularly on visiting days.

Miss Elsie Siff, our Social Service worker, resigned in September, and was replaced on October 20 by Mrs. Edith Kates, who is filling the position intelligently and conscientiously. Her major functions are in terms of patient emotional adjustment to illness, to the life they will be returning to, as well as to the

Home. Mrs. Kates had regular conferences with Dr. Zazeela and Dr. Naumburg. A monthly staff discussion was held with physicians, the superintendent, social worker, recreation worker and nurses. Dr. Naumburg's exceptional understanding of emotional problems contributed greatly to patient convalescence and adjustment.

We continued through the year to participate in the Conference Group on Convalescent Care of the United Hospital Fund which had interesting meetings on overall matters pertaining to convalescent care.

Mrs. Genevieve Edmonds and her staff continued to manage the Home in a highly efficient manner, with our slogan "The Patient Comes First" always in mind. Without this selfless devotion on the part of all these people, we could not have maintained our high standards.

We continue to have visitors from many parts of the country and to receive numerous requests for information regarding Neustadter. We endeavored in every way to assist other agencies in planning for better convalescent care.

IN the fifteen years that it has been my privilege to serve as President of Neustadter, I have found a growing understanding of the functions of a good convalescent home. There has been a gradually broadening concept of the part convalescent care plays in the individual's restoration to health and his return to normal living in the community.

It is with real regret that I must report the resignations from the Board of Mrs. Arthur H. Harlow and Leonard A. Hockstader who had for many years given valuable and loyal service to the Home.

On behalf of our Board, may I thank all those who have helped bring Neustadter to its present position in the convalescent field, including Dr. Martin R. Steinberg, Mrs. Louis Mendelsohn, Miss Elizabeth Dixon and the Mount Sinai Social Service Department, Dr. Zazeela, Dr. Naumburg and Dr. Sirota, Mrs. Edmonds and the entire Neustadter staff, as well as all others who have given of themselves in Neustadter's interest.

HORTENSE M. HIRSCH, *President*
The Neustadter Foundation

THE MOUNT SINAI HOSPITAL TREASURER'S REPORT

COMBINED STATEMENT OF DEFICITS OF THE FOUR SOCIETIES

For the Year Ended December 31, 1952

OPERATING DEFICITS:

Hospital	\$1,839,530.73
School of Nursing	252,996.13
Social Service	217,242.92
Ladies' Auxiliary	72,867.94

<i>Total Operating Deficits</i>	<u>\$2,382,637.72</u>
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RECEIPTS APPLIED TOWARD OPERATING DEFICITS:

Payments by:

City of New York for Part Maintenance of Free Ward Patients and for Custodians.....	\$659,252.62
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Contributions:

Federation of Jewish Philanthropies:

Hospital	\$651,651.72
School of Nursing	210,000.00
Social Service	131,800.74
Ladies' Auxiliary	48,000.00
	<u>1,041,452.46</u>

Greater New York Fund (through Federation)	86,060.00
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United Hospital Fund:

Hospital	\$64,224.05
Social Service	37,802.44
	<u>102,026.49</u>

Miscellaneous Donations:

Hospital	203.42
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<i>Total Receipts Applied Toward Operating Deficits.....</i>	<u>1,888,994.99</u>
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Deficit Before Income from Investments.....	<u>\$493,642.73</u>
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Note: The above figures do not include appropriations from principal and/or income of special funds for stated non-budgetary purposes amounting to \$692,599.87.

INCOME FROM INVESTMENTS:

Hospital	\$105,259.24
School of Nursing	1,293.63
Social Service	2,367.41

Total Income from Investments..... \$108,920.28

Net deficit (Four Societies) for the year Ended December 31,
1952 \$384,722.45

STATEMENT OF HOSPITAL DISBURSEMENTS AND RECEIPTS

For the Year Ended December 31, 1952

HOSPITAL OPERATING DISBURSEMENTS:

Administration:

Salaries, Wages and Pensions	\$472,106.75
Telephone Service	54,632.51
Stationery and Printing	56,135.09
Miscellaneous	64,009.75

Total Administration \$646,884.10

Professional Care of Patients:

Salaries and Wages:

Nursing Service	\$1,052,901.60
Physicians	278,695.08
Psychiatric Service	35,602.62
Druggists	25,640.45
Orderlies	160,598.92
Follow-Up and Clinical Secretaries	42,285.46
Medical and Surgical Supplies	613,310.28

Total Professional Care of Patients..... 2,209,034.41

** Out-Patient Department:*

Salaries and Wages	\$112,892.26
Supplies	8,740.89

Total Out-Patient Department..... 121,633.15

* Includes only items directly and exclusively chargeable to the department. The addition of indirect charges would result in a much higher total figure. For example, the cost of conducting the OPD, including proportionate indirect costs properly chargeable to it was approximately \$685,000, excluding the Social Service Department.

Radiography Department:

Salaries and Wages.....	\$84,122.28
Supplies	69,849.03

Total Radiography Department..... \$153,971.31

Radiotherapy Department:

Salaries and Wages.....	\$16,726.51
Supplies	3,041.23

Total Radiotherapy Department..... 19,767.74

Electrocardiograph Department:

Salaries and Wages.....	\$13,464.68
Supplies	5,795.31

Total Electrocardiograph Department..... 19,259.99

Department of Laboratories:

Salaries and Wages.....	\$362,514.82
Supplies	62,380.47

Total Department of Laboratories..... 424,895.29

Provisions 677,782.73

Dietary Department:

Salaries and Wages.....	\$314,961.73
Supplies	19,191.82

Total Dietary Department..... 334,153.55

Housekeeping Department:

Salaries and Wages.....	\$229,211.44
Furniture and Housefurnishings.....	112,016.08
Crockery and Silverware.....	32,285.92
Beds and Bedding.....	3,923.91

Total Housekeeping Department..... 377,437.35

Laundry Department:

Salaries and Wages.....	\$102,538.28
Supplies	12,093.23

Total Laundry Department..... 114,631.51

General House and Property Expenses:

Salaries and Wages.....	\$259,143.33
Renewals and Repairs.....	139,066.13
Light, Heat and Power.....	218,310.97

<i>Total General House and Property.....</i>	<i>\$616,520.43</i>
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<i>Insurance</i>	<i>77,316.17</i>
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<i>Contributions to Employees' Retirement Fund and Social Security Taxes</i>	<i>112,236.78</i>
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Auditing and Accounting Department:

Salaries and Wages.....	\$130,587.96
Sundries	37,980.19
Stationery and Printing.....	6,336.09
Postage	9,175.70

<i>Total Auditing and Accounting Department.....</i>	<i>184,079.94</i>
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<i>Total Hospital Operating Disbursements.....</i>	<i>\$6,089,604.45</i>
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HOSPITAL OPERATING RECEIPTS:*From Patients:*

Private Pavilion	\$1,513,988.09
Semi-Private Pavilion	1,302,354.98
Semi-Private Maternity	17,860.92(a)
Ward	933,263.25
Ward-Maternity	9,855.96(a)
Out-Patient Department	173,783.10

<i>Total from Patients.....</i>	<i>\$3,951,106.30</i>
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<i>From Other Services—including Pay Cafeteria..</i>	<i>298,967.42</i>
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<i>Total Hospital Operating Receipts.....</i>	<i>4,250,073.72</i>
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<i>Hospital Operating Deficit.....</i>	<i>\$1,839,530.73</i>
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(a) On November 1, 1952, one floor of the Klingenstein Maternity Pavilion was opened to care for Semi-Private and Ward maternity patients.

THE MOUNT SINAI HOSPITAL SCHOOL OF NURSING TREASURER'S REPORT

STATEMENT OF OPERATING DISBURSEMENTS AND RECEIPTS

For the Year Ended December 31, 1952

OPERATING DISBURSEMENTS:

*Pay Roll:

Graduate Nurses	\$87,126.68	
Student Nurses	18,083.34	
Tuition	55,481.62	
Health Service	3,500.00	
Office Assistants	8,820.35	
Housekeeping	69,401.72	
		<u>\$242,413.71</u>
Uniforms		6,123.01
Sundries		2,416.81
Advertising		2,454.12
Stationery and Printing		734.65
Household Supplies		10,734.94
Telephone		2,321.64
Books		3,342.92
Graduation Exercises		2,499.33
		<u>\$273,041.13</u>
<i>Total Operating Disbursements.....</i>		<i>\$273,041.13</i>

OPERATING RECEIPTS:

Matriculation Fees	20,045.00
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OPERATING DEFICIT	<u><u>\$252,996.13</u></u>
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** Includes only expenditures for teaching purposes. For cost of nursing service, see Hospital Operating Disbursements.*

THE SOCIAL SERVICE AUXILIARY TREASURER'S REPORT

STATEMENT OF OPERATING DISBURSEMENTS AND RECEIPTS

For the Year Ended December 31, 1952

OPERATING DISBURSEMENTS:

Appliances	\$ 9,837.19
Convalescent Care	10,070.58
Relief (Emergency, Rent, Moving Expenses, Rehabilitation, etc.)	6,939.48
Shoes, Clothing, etc.	468.54
Transportation	1,045.73
Education and Recreation Supplies	1,053.96
Salaries	188,317.61
Workers' Expenses	885.21
Office Supplies (Including Stationery, Printing and Postage)	1,328.09
Affiliation Dues	258.00
Magazines, Newspapers and Incidentals	374.45

<i>Total Operating Disbursements</i>	\$220,578.84
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OPERATING RECEIPTS:

Refunds from Patients	3,335.92
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OPERATING DEFICIT	\$217,242.92
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SPECIAL ACCOUNT

Balance, January 1, 1952	\$2,905.46
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RECEIPTS:

Donations	12,269.74
Appropriations of Principal and Income of Special Funds	19,805.08

<i>Total Credits</i>	\$34,980.28
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DISBURSEMENTS:

Special Accounts	\$ 9,684.88
Summer Work	3,779.40
Transferred to Regular Account towards deficit	15,000.00

<i>Total Disbursements</i>	28,464.28
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Balance December 31, 1952	\$6,516.00
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THE LADIES' AUXILIARY SOCIETY TREASURER'S REPORT

STATEMENT OF OPERATING DISBURSEMENTS

For the Year Ended December 31, 1952

OPERATING DISBURSEMENTS:

Linens and Bedding.....	\$44,262.52
Wearing Apparel	28,605.42

<i>Total Operating Disbursements.....</i>	<u>\$72,867.94</u>
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OPERATING DEFICIT	<u><u>\$72,867.94</u></u>
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FORM OF BEQUEST

I give and bequeath to
The Mount Sinai Hospital
of the City of New York,
incorporated in 1852,

the sum of

.....

to be used for

.....

AN OPPORTUNITY FOR INVESTMENT IN MEDICAL RESEARCH

Exterior construction of the Atran General Laboratory Building has been completed. But, to provide the researchers and clinicians who man the Hospital's research program—the largest conducted by a non-university institution—with the tools indispensable to their tasks, the interior of the Laboratory must be completed and equipped now.

A gift toward completion of the Laboratory—entailing the individual scientific facilities listed below—will amount to an investment in medical discovery, for Mount Sinai has traditionally rewarded the generosity of its patrons with achievements advancing medical science.

The Hospital welcomes memorialization by its friends of these laboratories and other facilities.

<i>Facility</i>	<i>Cost</i>
Diet Kitchen (Experimental)	20,000
Pregnancy Test	10,000
Cancer Research	50,000
Neurophysiology	75,000
Cardiophysiology	75,000
Endocrinology	30,000
Hematology	75,000
Parasitology	25,000
Chemotherapy	50,000
Tuberculosis	35,000

(Continued on page 4 of blue insert)

A BRIEF STATEMENT OF THE

The cost of operating the Hospital was.....	\$6,656,092
To meet a part of this cost, the Hospital received from patients and for other services	4,273,454
The difference is the total philanthropic expense for the year.....	2,382,638
This philanthropic expense was met in greater part by generous grants from the Federation of Jewish Philanthropies, the United Hospital Fund, the Greater New York Fund, the City of New York, etc., and income from general endowment funds, leaving a net deficit for the year of.....	384,722

* * * * *

An analysis of the cost included in the above total operating expenses of the Hospital revealed that:

Approximately \$5,689,000 was spent for the care of 15,776 patients who were admitted to the Hospital. Of these patients, over 45 percent were cared for in the wards, free or below cost.

Approximately \$685,000 was spent in the Hospital's ninety Out-patient clinics for care of needy patients.

Approximately \$282,000 was spent for Social Service work for 6,316 patients, to help solve economic and social problems which prolonged illness so often involves.

The above operating expenses do not include approximately \$693,000 spent for medical and scientific research, postgraduate medical education, and other projects not classified as annual maintenance of the Hospital. These activities

ANCIAL PICTURE FOR 1952

are supported by funds which have been donated by generous sponsors and allocated for such purposes.

The years since the war's close constitute a period of unprecedented growth at The Mount Sinai Hospital in terms of new buildings and physical expansion of facilities and growth also in terms of exploiting for the community the full benefits of the rapidly expanding medical knowledge.

Most of the plans, as formulated by the Trustees in 1942 in anticipation of the war's end and the new responsibilities it would bring, are now realities. The broadening of the medical education program has benefited hundreds, including physicians returned from the Armed Forces and in need of reorientation. The Hospital's first maternity service is in operation. Scientists are at work in the Berg Institute of Research and the Atran Laboratory Building is near completion. A pioneer plan in psychiatry instituted in 1947 has become a model for the practice of psychosomatic medicine by a general hospital. Many other necessary expansions and innovations have been effected.

In the face of this growth, the Hospital has failed to maintain the strength of its financial reserves, which are its assurance of present security and future flexibility in the discharge of its responsibilities. In this expansion period, large deficits have drawn upon these reserves, accumulated in prior years, to the extent of \$3,300,000. The Hospital, therefore, urgently needs, at this time in its history, capital funds for the further realization of its vital expansion program, capital and memorial donations, and legacies. It is upon such rebuilding of capital reserves that the well-being and future of the Hospital depend.

(Continued from page 1 of blue insert)

Mycology	25,000
Serology	50,000
Allergy	30,000
Immunology	50,000
Virology	75,000
Immuno-Chemistry	35,000
Ultracentrifuge	30,000
Electron Microscope	30,000
Photometry	15,000
Microbiology	100,000
Mass Spectrography	70,000
Pharmacology	50,000
Organic Chemistry	120,000
Colloidal Chemistry	50,000
Physical Chemistry	50,000
Optical Research	30,000
Vitamin Research	50,000
Electronics	50,000
X-Ray Research	35,000
Radioactive Isotopes	50,000
Biophysics	75,000
Construction of New Department of Pathology.....	425,000

(Adapted from prospectus issued by the Board of Trustees Oct. 5, 1951)

An Expression of Gratitude

THE record of benefactions to the Hospital which follows does not include gifts in support of new construction made through either the Building Fund of the Federation of Jewish Philanthropies of New York or the Mount Sinai-Montefiore Building Completion Fund. These will be recorded when the full lists become available. To all those who have so contributed, the Hospital meanwhile expresses its deepest gratitude.

BEQUESTS AND DONATIONS RECEIVED FOR SPECIAL PURPOSES DURING YEAR 1952

Donations of items other than money are included in the
GIFTS TO SOCIAL SERVICE beginning on page 151
and in DONATIONS IN KIND on page 100.

The Abraham Foundation, Inc.—For Hematology Research Fund	\$ 200.00
Mr. and Mrs. Morris Abrams—In memory of Mr. Harry Steger— For neurological research.....	50.00
Harry C. Adler—For non-budgetary purposes.....	10.00
Altman Foundation—For gastroenterology research.....	2,500.00
Arthur G. Altschul—For Electrocardiograph Research Fund.....	1,000.00
American Academy of Arts and Sciences—For Quantitative Micro- analysis of Keto-Steroids	1,500.00
American Cancer Society, Inc.—For research in X-ray diffraction..	1,836.00
American Heart Association, Inc.—For Congestive Heart Failure Fund	3,150.00
American Heart Association, Inc.—For research in renal physiology	3,150.00
American Heart Association, Inc.—For research in Edema.....	813.75
Ames Company, Inc.—For the analysis of bile acid.....	300.00
Ivan M. Annenberg—For the 1951 Laboratory Completion Fund..	100.00
The M. L. Annenberg Foundation—For non-budgetary purposes..	500.00
Anonymous—For congestive heart failure study.....	1,000.00
Anonymous—For the 1951 Laboratory Completion Fund (addi- tional gift)	750.00
Anonymous—In honor of Dr. Ralph Colp—For Surgical "C" Research	500.00
Anonymous—For non-budgetary purposes	500.00
Anonymous—For non-budgetary purposes	500.00
Anonymous—For non-budgetary purposes	350.00
Anonymous—For non-budgetary purposes	120.00
Anonymous—For neurological research.....	100.00
Anonymous—In memory of Mr. Max Hexter—For non-budgetary purposes	100.00
Anonymous—In memory of Mr. Louis H. Harris—For non-budg- etary purposes	100.00
Anonymous—For non-budgetary purposes	100.00
Anonymous—For non-budgetary purposes	50.00
Anonymous—For the 1951 Laboratory Completion Fund.....	50.00
William Anshine—For gout research.....	10.00
Ar-Bee Men's Wear Inc.—For non-budgetary purposes in the Children's Pavilion	5.00

Mrs. Leo Arnstein—For the 1951 Laboratory Completion Fund..	515.63*
Max L. and Albert H. Arnstein Foundation, Inc.—For Surgical "C" Research Fund	1,000.00
Max L. and Albert H. Arnstein Foundation, Inc.—For neurological research	500.00
D. G. Aronberg—For non-budgetary purposes.....	50.00
Sarah Aronowitz Aid Society, Inc.—For Diabetic Research Fund..	850.00
Arthritis and Rheumatism Foundation—New York State Chap- ter—For research on arthritis.....	4,600.00
Misses Ann Asch and Lee Maltzman—In memory of Mr. Morris Finkelstein—For cancer research.....	10.00
Marion R. Ascoli Fund—For the 1951 Laboratory Completion Fund	5,000.00
Associated Alumni of The Mount Sinai Hospital—For Library...	300.00
Lew Auster—In memory of Dr. William M. Hitzig's parents, Mayer and Shantsya Hitzig—For equipping an Ultra-Centri- fuge Room in the new laboratory.....	2,500.00
Lou Auster—For cancer research.....	500.00
Carl J. Austrian—For the 1951 Laboratory Completion Fund (additional gift)	500.00 ✓
Avon Books Charitable Foundation, Inc.—For psychiatry research	1,500.00
Avon Books Charitable Foundation, Inc.—For the Dr. Eli Moschcowitz Fund	250.00
Frederick F. Bach—For the 1951 Laboratory Completion Fund...	500.00
Mr. and Mrs. Herman F. Baerwald—For the 1951 Laboratory Completion Fund	250.00
Mrs. Nathan Bandell—For Dermatological Research Fund.....	100.00
Mrs. Nathan Bandell—In memory of Dr. Samuel M. Peck's mother —For Dermatological Research Fund.....	25.00
Morris Banilower—For the 1951 Laboratory Completion Fund....	25.00
Harold Baron—For Diabetic Research Fund.....	10.00
Edgar Barsotti—For non-budgetary purposes.....	10.00
John H. Barton—For gout research.....	100.00
Dr. Morris B. Bender—For neurological research.....	45.00
Dr. Morris B. Bender—In memory of Mr. Harry Steger—For neurological research	100.00
Robert Bendheim—For the 1951 Laboratory Completion Fund (additional gift)	15,101.25*
Mrs. Robert M. Benjamin—For the 1951 Laboratory Completion Fund	1,500.00
Estate of Dr. A. A. Berg—In memory of Dr. Henry W. Berg— Towards a fund of \$500,000.00 for the Berg Institute of Research	100,000.00
Irving Berger—For Diabetic Research Fund.....	200.00
Sidney M. Bergman—For non-budgetary purposes.....	5.00

BEQUESTS AND DONATIONS FOR SPECIAL PURPOSES

Mrs. Manuel Berman—In memory of Dr. Louis Unger—For non-budgetary purposes in the Radiotherapy Department.....	10.00
George B. Bernheim—For the 1951 Laboratory Completion Fund (additional gift)	5,000.00
Dr. Edgar M. Bick—For the 1951 Laboratory Completion Fund..	500.00
Mr. and Mrs. Frederick B. Bierer—For the 1951 Laboratory Completion Fund	302.19*
Mrs. Robert Binger—For the 1951 Laboratory Completion Fund..	500.00
Louis K. Bleecker—For gout research.....	50.00
Irving Block—In memory of Dr. William M. Hitzig's parents—Mayer and Shantsya Hitzig—For equipping an Ultra-Centrifuge Room in the new laboratory.....	100.00
Mrs. Lewis Morgan Bloomingdale—In memory of Mr. George Alexander Seligmann—For cancer research.....	25.00
Mrs. Richard Blum—In memory of Dr. Richard Blum—For non-budgetary purposes in the Children's Pavilion.....	100.00
Alvin L. Blume—In memory of Mr. Louis M. Harris—For non-budgetary purposes	100.00
Mrs. Lucy Blumenthal—For study in blood pressure in persons 65 years of age and over.....	500.00
Mrs. Robert G. Blumenthal—For the 1951 Laboratory Completion Fund	1,000.00
Mrs. Bessie Bragen—For Eye Research Fund.....	50.00
Samuel I. Brandt—For gout research.....	500.00
Eva Tuttman Brecher Foundation, Inc.—In memory of Dr. William M. Hitzig's parents—Mayer and Shantsya Hitzig—For equipping an Ultra-Centrifuge Room in the new laboratory..	2,500.00
Bertha Brenner Memorial Library Fund—In memory of Bertha Brenner—Established by her friends and associates.....	6,462.50
Leonard Brody—In memory of Elaine Katz—For non-budgetary purposes	10.00
Mrs. Harry Bronner—For non-budgetary purposes.....	100.00
Nathaniel H. Brower—For rhinoplasty research.....	100.00
Paul M. Buseck—In memory of Mr. Frank Zeitlin.....	25.00
Michael G. Campagna—For Neurosurgery Research Fund.....	100.00
Cancer Philanthropic League, Inc.—For home care of cancer patients	10,000.00
Mr. and Mrs. Arthur J. Cohen—For the 1951 Laboratory Completion Fund (additional gift).....	15,875.00*
Mrs. Lena Cohen—In memory of Mr. Morris Cohen—For Hematology Research Fund	25.00
Oscar Cohen—For the Nose and Throat Cancer Fund.....	2,500.00
Mrs. Theresa M. Cohen—In memory of Mr. Frank Zeitlin—For non-budgetary purposes	10.00
Mrs. Leonard A. Cohn—For the 1951 Laboratory Completion Fund	5,040.00*

Mr. and Mrs. Norman Cohn—In memory of Marjorie Cohn Lambert—For Diabetic Research Fund.....	100.00
Alvin E. Coleman—For Electrocardiograph Research Fund.....	100.00
Dr. Ralph Colp—For the 1951 Laboratory Completion Fund (additional gift)	5,000.00
Dr. Ralph Colp—For cancer research.....	100.00
Harold S. Cone—For Research Fund.....	50.00
Mrs. Jeanette Cone—For non-budgetary purposes of the Urology Service	200.00
E. E. Cook—For cancer research.....	5.00
Sheldon R. Coons—In memory of Sergeant Sheldon R. Coons, Jr.—For the 1951 Laboratory Completion Fund (additional gift).	2,668.75*
Sheldon R. Coons—In memory of Dr. Albert D. Lasker—For non-budgetary purposes	25.00
Sheldon R. Coons—In memory of Mr. Edwin I. Hilson—For non-budgetary purposes	25.00
Mrs. Alice Cooper—In memory of Mrs. Ida Pessin—For cancer research	10.00
Mr. and Mrs. C. Louis Cooper—For non-budgetary purposes in the Congenital Cardiac Clinic.....	25.00
Mrs. Sarah Covin—For the 1951 Laboratory Completion Fund....	100.00
Mr. and Mrs. Clement S. Crystal—For cancer research.....	50.00
Edgar M. Cullman—For the 1951 Laboratory Completion Fund..	1,552.50*
Joseph F. Cullman, Jr.—For the 1951 Laboratory Completion Fund (additional gift).	8,175.00*
Joseph F. Cullman, Jr.—For educational purposes.....	1,100.00
The Charles E. Culpeper Foundation, Inc.—For non-budgetary purposes	200.00
Mrs. Louis Cynamon—For non-budgetary purposes.....	25.00
Mrs. Max Danziger—For non-budgetary purposes.....	50.00
Charles Daum—For the 1951 Laboratory Completion Fund.....	25.00
Dr. Leo M. Davidoff—For neurological research.....	228.40
Mrs. J. Clarence Davies—For the Dr. Eli Moschowitz Fund....	100.00
Mr. and Mrs. J. Clarence Davies, Jr.—For the Dr. Eli Moschowitz Fund	25.00
Dazian Foundation for Medical Research—For Fellowships.....	12,300.00
Dazian Foundation for Medical Research—For research in spatial vectorcardiography	2,500.00
Dazian Foundation for Medical Research—For neurological research	260.00
Harry Dendo—For equipping an Ultra-Centrifuge Room in the new laboratory	100.00
Richard E. Deutsch—For the 1951 Laboratory Completion Fund..	16,666.66
Max Dichter—For gout research.....	100.00
Mrs. D. Alan Dillenberg—For non-budgetary purposes.....	100.00

Dr. Henry Dolger—For neurological research.....	300.00
A. K. Dubin—For non-budgetary purposes.....	10.00
Samuel Eckman—For the 1951 Laboratory Completion Fund....	1,000.00
Irving Edelson—For Diabetic Research Fund.....	100.00
Louis H. Ehrlich—In honor of Mr. Joseph F. Cullman, Jr.'s birthday—For non-budgetary purposes	25.00
Dr. David Eisenstein—For neurological research	200.00
Mrs. Henry H. Elias—For the 1951 Laboratory Completion Fund	500.00
Lee Ellis—For gout research.....	100.00
Mr. and Mrs. Arthur K. Ettlinger—For non-budgetary purposes..	50.00
John Feeney—For gout research.....	10.00
Mr. and Mrs. Joseph Feil—In memory of Mr. Harry Steger—For neurological research	50.00
Dr. Emanuel H. Feiring—For neurosurgical research.....	85.65
Rabbi Max Felshin—For non-budgetary purposes.....	100.00
Mr. and Mrs. James Felt—For the 1951 Laboratory Completion Fund (additional gift).....	2,850.00
Mr. and Mrs. A. Leon Fergenson—For the Dr. Eli Moschcowitz Fund	25.00
E. B. Fisher—For gout research.....	250.00
Mrs. Henrietta Fishman—For non-budgetary purposes.....	10.00
John Flystra—For the 1951 Laboratory Completion Fund.....	100.00
Isidore Forman—For non-budgetary purposes.....	30.00
Mrs. Leon Frank—In memory of Rebecca Halpert—For non-budgetary purposes	5.00
Mrs. Leon Frank—In memory of James G. Mathias—For non-budgetary purposes	5.00
The Jules Fribourg Memorial Fund—For research on arthritis....	1,500.00
Harry G. Friedman—In memory of Mr. Joseph M. Price—For the 1951 Laboratory Completion Fund.....	2,500.00*
Dr. Jacob H. Friedman—For Electrocardiograph Research Fund..	15.00
Henry Friedrichs Foundation, Inc.—For the 1951 Laboratory Completion Fund	500.00
The Friedsam Foundation, Inc.—For the 1951 Laboratory Completion Fund	50,000.00
A Friend of the Dr. Joseph Brettauer Fellowship Fund—Given in his memory	1,200.00
Two Friends to celebrate the Birthday Anniversary of Mrs. Leonie Guinzburg—For Research	1,512.50*
Percy M. Frowenfeld—For the Dr. Eli Moschcowitz Fund.....	25.00
Percy M. Frowenfeld—In memory of Clara F. Dickson—For the Dr. Eli Moschcowitz Fund.....	25.00
Hugh Fulton—For gout research.....	500.00
Manny Gantz—For non-budgetary purposes.....	25.00
Dr. John H. Garlock—For the 1951 Laboratory Completion Fund	2,000.00
James B. Gaynor—For the 1951 Laboratory Completion Fund....	100.00

George F. Geis—For non-budgetary purposes.....	250.00
Ben Gelfand—For the 1951 Laboratory Completion Fund.....	50.00
Geschickter Fund for Medical Research—For investigation of the Diethyl Amide of Lysergic Acid.....	24,750.00
Dr. Leon Ginzburg—For the 1951 Laboratory Completion Fund..	1,000.00
The Glazier Foundation—For the 1951 Laboratory Completion Fund	1,000.00
Louis Glickman—For the 1951 Laboratory Completion Fund.....	100.00
Harry Gold—For the Nose and Throat Cancer Fund.....	100.00
Dr. Morris A. Goldberger—For Gynecological Research Fund...	35.66
Mrs. Lewis K. Goldman—In memory of Mr. Sidney S. Prince— For non-budgetary purposes	25.00
Harmon H. Goldstone—For non-budgetary purposes.....	25.00
Mrs. S. S. Goldwater—For the Dr. S. S. Goldwater Fellowship Fund	3,000.00
Estate of Sophie L. Goodhart—For non-budgetary purposes as determined by the Board of Trustees.....	75,000.00
A. Goodman and Sons, Inc.—For the 1951 Laboratory Completion Fund	250.00
Milton Gordon—For non-budgetary purposes.....	50.00
D. S. and R. H. Gottesman Foundation—For the 1951 Laboratory Completion Fund.....	5,000.00
Sydney Gottesman and Bernard Neibart—In memory of Anna G. Lowenstein—For non-budgetary purposes.....	5.00
Mr. and Mrs. Leo Gottlieb—For the 1951 Laboratory Completion Fund (additional gift).....	1,420.00*
Miss Mollie Grater—In memory of Mr. Louis Joseph Grater—For cardiac research	25.00
Harold E. Gray—For the Greater Mount Sinai Hospital Develop- ment Fund (additional gift).....	500.00
Harold E. Gray—In memory of Mr. Lawrence Lyon Goldsmith— For non-budgetary purposes	250.00
Albert L. Greenspan—For Surgical "A" Research Fund.....	100.00
Mrs. Nettie L. Greenwald—For non-budgetary purposes.....	50.00
Susan Greenwall Foundation, Inc.—For orthopedic research.....	1,000.00
Mrs. Jerome F. Gropper—In memory of Mrs. Lina Blumenthal— For pediatric research.....	10.00
Mrs. Goldie A. Gross—In memory of grandson, Howard Hinder- stein—For Neurosurgery Research Fund.....	10.00
Dr. and Mrs. Charles I. Grossman—In memory of Mr. Harry Steger—For neurological research.....	10.00
Dr. Isaac Grossman—For neurological research.....	300.00
The Daniel and Florence Guggenheim Foundation—For the 1951 Laboratory Completion Fund (additional gift).....	100,000.00
Mrs. Murry Guggenheim—For the 1951 Laboratory Completion Fund	25,000.00

Mrs. B. J. Gumpert—For eye research.....	50.00
Robert K. Haas—For the 1951 Laboratory Completion Fund.....	2,576.25*
Irving Halperin—For non-budgetary purposes in the Semi-Private Children's Ward	36.00
Chauncey H. Hand—For neurological research.....	750.00
Dr. Murray J. Hanigsberg—For neurosurgery research.....	25.00
Dr. William Harris—For radiotherapy research.....	36.97
Mr. and Mrs. Jesse Hartman—For purchase of equipment for the Cardiac Clinic	212.50
Estate of Bella Heineman—For the Bella Heineman Cancer Research Fund	75,000.00
John C. Hendricks—In memory of Althea Murphy—For leukemia research	5.00
Joseph Herman—In memory of Mrs. Anna S. Herman—For Surgical "A" Research Fund	25.00
Mr. and Mrs. A. Herzig—In memory of Mr. Harry Steger—For neurological research	10.00
Mrs. Thomas B. Hess—For the Dr. Eli Moschowitz Fund.....	150.00
Mr. and Mrs. David M. Heyman—For the 1951 Laboratory Com- pletion Fund (additional gift).....	20,038.75*
Hilson Fund, Inc.—For the 1951 Laboratory Completion Fund (additional gift)	8,000.00
Mrs. Herman Hinderstein—In memory of Son, Howard Hinder- stein—For Neurosurgery Research Fund.....	25.00
Mr. and Mrs. Edgar A. Hirsch, Jr.—In memory of Goldye Wacht —For non-budgetary purposes.....	5.00
Steven J. Hirsch—For the 1951 Laboratory Completion Fund....	2,162.50*
Mrs. Walter A. Hirsch—For the 1951 Laboratory Completion Fund	4,425.00*
Henrietta and Stuard Hirschman Foundation—For non-budgetary purposes	5,000.00
Mr. and Mrs. Leonard A. Hockstader—For the 1951 Laboratory Completion Fund (additional gift).....	3,487.50*
Hoffmann-La Roche, Inc.—For clinical study of myasthenia gravis	1,000.00
Mrs. Emmie K. Holzman—In memory of her brother, Mr. Albert M. Kahn—For non-budgetary purposes in the Cardiac Chil- dren's Ward	1,000.00
Dr. J. Horowitz—For gout research.....	25.00
Estate of Frederick Housman—For the Frederick Housman Fund for Medical Research	71,235.06
Mrs. Stella S. Housman—For non-budgetary purposes.....	2,500.00
Miss Edith Hughes and Miss Nora Brennan—In memory of Mr. Waldemar Kops—For non-budgetary purposes.....	25.00
Dr. A. Hyman—For Electrocardiograph Research Fund.....	250.00
Joseph Jacobs—For Diabetic Research Fund.....	100.00

Joseph Jacobs—In memory of Etta Jacobs—For Diabetic Research Fund	25.00
Mr. and Mrs. Stanley R. Jacobs—For the 1951 Laboratory Completion Fund.....	250.00
Ja Da Dress Company—For cancer research.....	30.00
James Foundation of New York, Inc.—For physical, educational and research expansion	50,000.00
Mrs. Herman Jervis—For Child Psychiatry Fund.....	500.00
Jeryal Dress Company—For cancer research.....	50.00
Miss Alice M. Johnston—For the Dr. Eli Moschowitz Fund.....	250.00
J. W. Jonasson—For non-budgetary purposes.....	25.00
George S. Jones—For non-budgetary purposes.....	250.00
Nathaniel Judson—In memory of Marjorie Lambert—For Diabetic Research Fund	100.00
William T. Kadin—For Research Fund.....	200.00
Kany Foundation, Inc.—For non-budgetary purposes.....	400.00
Patrons of Karlak's Restaurant—For cancer research.....	49.00
Julius Kass—For the 1951 Laboratory Completion Fund.....	100.00
Mrs. Sadie Kaufax—For non-budgetary purposes.....	25.00
Judge Irving R. Kaufman—For gout research.....	200.00
Dr. Jack S. Klatell—In memory of Dr. Miles B. Chelimer—For non-budgetary purposes in the Dental Department.....	15.00
Dr. Julius Kleeberg—For investigation on peptic ulcers.....	500.00
D. Klein—For the 1951 Laboratory Completion Fund.....	50.00
Henry Klein—In memory of Mr. Harry Steger—For neurological research	25.00
Jack Klein—In memory of Dr. William M. Hitzig's parents, Mayer and Shantsya Hitzig—For equipping an Ultra-Centrifuge Room in the new laboratory.....	500.00
Joseph J. Klein—For the Dr. Eli Moschowitz Fund.....	100.00
The Esther and Joseph Klingenstein Fund, Inc.—For the 1951 Laboratory Completion Fund (additional gift).....	70,000.00
Mr. and Mrs. Henry S. Klingenstein—In memory of Mrs. Charles Klingenstein and Mrs. Richard Hirsch—For non-budgetary purposes	25.00
Dr. Percy Klingenstein—For the 1951 Laboratory Completion Fund	5,272.50*
Employees of Knott Hotel Corp.—In memory of Mr. Siegmund Hollander—For research on arthritis.....	30.40
Miss Emily Kobe—For non-budgetary purposes.....	21.50
Mrs. Waldemar Kops—In memory of Mr. Waldemar Kops—For non-budgetary purposes	1,027.01*
Mrs. Waldemar Kops—In memory of Mrs. Leonard Klauber—For non-budgetary purposes	25.00
Stanley Kotis—For gout research.....	50.00
Jack D. Kramon—In memory of Dr. Harry E. Ehrlich—For cancer research	100.00

BEQUESTS AND DONATIONS FOR SPECIAL PURPOSES

Melvin Krauss—For neurological research.....	15.00
Abraham Krieger—For neurological research.....	50.00
Dr. Jerome L. Krieger—For neurosurgery research.....	20.00
Mortimer Lahm—In memory of Mrs. Lilly Hacker—For non-budgetary purposes	25.00
Leo L. Landes—For Diabetic Research Fund.....	50.00
Mr. and Mrs. Alex Landesco, Jr.—In memory of Dr. Harry E. Ehrlich—For non-budgetary purposes	25.00
Myer Lapidus—For Eye Research Fund.....	30.00
Dr. Murray A. Last—For the Dr. Murray H. Bass Fund.....	25.00
Miss Frances U. Lauber—In memory of Iyda Levitt—For Research Fund	3.00
Dr. Joseph Laval—For non-budgetary purposes.....	200.00
Lederle Laboratories Division, American Cyanamid Co.—For congestive heart failure study.....	7,150.00
George Lee—For non-budgetary purposes.....	50.00
Mr. and Mrs. George Lee—For the 1951 Laboratory Completion Fund (additional gift).....	5,000.00*
Mrs. Arthur Lehman—"Treat" for Student Nurses in honor of Mr. Joseph F. Cullman, Jr.'s birthday.....	50.00
Senator and Mrs. Herbert H. Lehman—For the 1951 Laboratory Completion Fund	7,893.13*
Senator and Mrs. Herbert H. Lehman—For Electrocardiograph Research Fund	2,000.00
Philip Lehman Foundation—For the 1951 Laboratory Completion Fund	10,000.00
Robert Lehman Foundation—For the 1951 Laboratory Completion Fund	10,000.00
Judge Samuel S. Leibowitz—For Surgical "A" Research Fund....	250.00
Alvin Leventhal—For gout research.....	25.00
Nathan W. Levin—For the 1951 Laboratory Completion Fund....	500.00
Sam Levin—For non-budgetary purposes.....	500.00
Morris Levine—For gout research.....	200.00
A. Levitt—For the 1951 Laboratory Completion Fund.....	3,000.00
Edward I. Levy—For gout research.....	250.00
Edward I. Levy—For non-budgetary purposes.....	10.00
Mrs. Samuel D. Levy—For non-budgetary purposes.....	10.00
A. J. Lewis—For the 1951 Laboratory Completion Fund.....	50.00
Emanuel Libman Fellowship Fund, Inc.—In memory of Dr. Emanuel Libman—For the Dr. Emanuel Libman Fellowship Fund	4,000.00
Liebman Breweries, Inc.—For the 1951 Laboratory Completion Fund	2,000.00
Max Liebman—For non-budgetary purposes in the Children's Pavilion	25.00

Life Insurance Medical Research Fund—For investigation on the biology of the connective tissue.....	6,825.00
Life Insurance Medical Research Fund—For Fellowship.....	500.00
Eli Lilly & Co.—For investigation of Amytal Sodium.....	2,500.00
Edward I. Linde—For the 1951 Laboratory Completion Fund....	750.00
Misses Rose and Fanny Lippert—In memory of Mr. Harold B. Lippert—For cancer research.....	10.00
Mr. and Mrs. Albert A. List—For research in physiological hematology.....	3,500.00
Mr. and Mrs. Henry A. Loeb—In memory of Mrs. Lewis Schamberg—For General Fund.....	35.00
Mr. and Mrs. Henry A. Loeb—For the 1951 Laboratory Completion Fund (additional gift).....	5,000.00
Adolf Lorch—For non-budgetary purposes.....	50.00
Mrs. Kathryn A. Lord—In memory of Mr. Harry Steger—For neurological research.....	18.00
Joe Lowe—For Diabetic Research Fund.....	250.00
Dr. Ernest C. Lowenstein—For Neurosurgery Research Fund....	500.00
Ernest Lowenstein Foundation, Inc.—For Research Fund.....	1,000.00
Leon Lowenstein Foundation, Inc.—For Surgical "A" Research Fund.....	1,000.00
Herbert B. Luria—For non-budgetary purposes.....	50.00
Estate of Sigmund Lustgarten—To be used for Dermatology....	14,567.76
M. McInerney—For gout research.....	15.00
Employees of McKenzie Service—In memory of Mr. Arthur Boxer—For non-budgetary purposes.....	56.50
Monti L. Maduro—In memory of his mother and brothers—For the 1951 Laboratory Completion Fund.....	500.00
H. Mah—For non-budgetary purposes.....	24.00
Mrs. Jerome I. Maier—For the 1951 Laboratory Completion Fund	200.00
The Mainzer Minton Trust—For research on the culture of the virus of infant diarrhea.....	2,500.00
Nathan Marcus Benevolent Society, Inc.—In memory of Mr. Morris Segall—For psychiatry research.....	25.00
Boris Margolin—For Electrocardiograph Research Fund.....	100.00
Edwin I. Marks—For the 1951 Laboratory Completion Fund....	3,000.00*
Jack Martin Polio Fund, Inc.—To establish a Respirator Center for the treatment of "polio" cases.....	30,000.00
Mrs. Margaret Marton—In memory of Mr. Otto Marton—For cancer research.....	25.00
Joseph Maslon—For gout research.....	50.00
Dr. Arthur M. Master—For Electrocardiograph Research Fund..	2,487.96
Mrs. Arthur M. Master—For Electrocardiograph Research Fund..	8,000.00
Miss Grace M. Mayer—In memory of Dr. Leo Kessel—For non-budgetary purposes.....	10.00

The Mead Johnson Research Laboratories—For Diabetic Research Fund	3,500.00
Mrs. Leon E. Meadow—For non-budgetary purposes	25.00
Mrs. Arthur C. Mendelsohn—In memory of Annette S. Mendelsohn—For books and literature on cancer	25.00
Mrs. Arthur C. Mendelsohn—In memory of Mrs. Eva Rose—For books and literature on cancer	10.00
William Menke—For the Elsa and William Menke Fellowship Fund	3,375.63*
The William S. Merrell Co.—For investigation of PDC and PICA as new sedatives	1,430.00
Charles Merrill—For non-budgetary purposes	1,062.81*
The Merrill, Lynch, Pierce, Fenner and Beane Foundation, Inc.—For the 1951 Laboratory Completion Fund	1,000.00
Estate of Annie Nathan Meyer—For the Dr. Alfred Meyer Foundation	62,860.35
Mr. and Mrs. Eugene Meyer—For the 1951 Laboratory Completion Fund	50,793.75*
Mrs. Matthew A. Meyer—For the 1951 Laboratory Completion Fund	500.00
Harry Miller—In memory of Mrs. Harry Miller—For the 1951 Laboratory Completion Fund	100.00
Modern Dress Company—For cancer research	25.00
Paul A. Monkmeyer and Family—In memory of Mr. Frank B. Zeitlin—For Research Fund	10.00
Mrs. Joseph Morrison—For non-budgetary purposes	25.00
Henry and Lucy Moses Fund, Inc.—For clinical study of myasthenia gravis	270.00
Charles C. Moskowitz—For the 1951 Laboratory Completion Fund	1,000.00
Mrs. Charles B. Moss—In memory of Miss Annette S. Mendelsohn and Mr. B. S. Moss—For cancer research	50.00
H. Muehlstein—For the Nose and Throat Cancer Fund	1,000.00
Mr. and Mrs. Nathan Nathanson—For neurological research	250.00
The National Foundation for Infantile Paralysis, Inc.—For the effect of cortisone on experimental poliomyelitis (additional)	103,458.00
The National Foundation for Infantile Paralysis, Inc.—For the study of water metabolism in poliomyelitis (additional)	18,148.00
The National Foundation for Infantile Paralysis, Inc.—For neurological research	900.00
Elsie and Walter W. Naumburg Foundation, Inc.—For the Elsie and Walter W. Naumburg Fund (additional)	5,000.00
Elsie and Walter Naumburg Foundation, Inc.—For the 1951 Laboratory Completion Fund	5,000.00
Robert M. Naumburg—For clinical study of myasthenia gravis	100.00
Pearson E. Neaman—In memory of Mrs. Rose Sternberg—For non-budgetary purposes	10.00

Julius L. Neidle—In honor of Mr. Joseph F. Cullman, Jr.'s birthday—For non-budgetary purposes.....	25.00
Newark News Dealers Supply Co.—For the 1951 Laboratory Completion Fund	25.00
Jerome A. Newman—For the 1951 Laboratory Completion Fund..	2,000.00
New York City Cancer Committee of the American Cancer Society, Inc.—For support of Cancer Detection Center.....	8,250.00
New York Heart Association, Inc.—For study in blood pressure in persons 65 years of age and over.....	7,625.00
Nichols-Morris Corporation—For non-budgetary purposes.....	500.00
Jacob Nisenbaum—For non-budgetary purposes.....	5.00
Dr. Jan Niwes—For Electrocardiograph Research Fund.....	50.00
The Aaron E. Norman Fund, Inc.—For the 1951 Laboratory Completion Fund	20,000.00
Mrs. Manfred Nussbaum—For the 1951 Laboratory Completion Fund	10.00
Dr. Clarence P. Oberndorf—For Electrocardiograph Research Fund	200.00
Bernard Oestricher—In memory of Mrs. Sophia Oestricher—For Surgical "C" Research.....	500.00
Dr. Bernard S. Oppenheimer—For the 1951 Laboratory Completion Fund	1,034.31*
Jerome H. Oppenheimer—For non-budgetary purposes.....	150.00
Mrs. Leopold Oppenheimer—In memory of Mr. Leopold Oppenheimer—For a Rotating Treatment Unit.....	5,000.00
Mrs. Kermit E. Osserman—In memory of Mr. Fritz Kaufman—For clinical study of myasthenia gravis.....	10.00
The Overbrook Foundation—For Electrocardiograph Research Fund	5,000.00
A. C. Paglia—For Surgical "A" Research Fund.....	25.00
Paper Novelty Mfg. Co.—For Research Fund.....	250.00
Pennwoven, Inc.—For the 1951 Laboratory Completion Fund....	100.00
Dr. M. Murray Peshkin—In honor of Dr. Bela Schick's 75th birthday—For the Dr. Bela Schick Lectureship Fund.....	100.00
Petersam Dress Company—For cancer research.....	40.00
Mrs. L. Pilzer—For research on arthritis.....	200.00
Planned Parenthood Federation of America, Inc.—For the study of artificial immunization in the production of sterility.....	2,368.00
J. C. Prentice—For non-budgetary purposes.....	4,500.00
Marvin Price—For Diabetic Research Fund.....	25.00
Nat Propis—In memory of Dr. William M. Hitzig's parents, Mayer and Shantsya Hitzig—For equipping an Ultra-Centrifuge Room in the new laboratory.....	250.00
Ezra Putnoi—For neurological research.....	50.00
Judge Benjamin J. Rabin—For gout research.....	200.00
J. A. Rabinovich—For Electrocardiograph Research Fund.....	200.00

Sydney M. Rafelson—For the 1951 Laboratory Completion Fund	25.00
William C. Ragals—For Research Fund	200.00
Meyer Rapaport Fund—For Renovation of Pediatric Pavilion	5,000.00
Meyer Rapaport Fund—For the Dr. Eli Moschcowitz Fund	50.00
Regal Garment Corp.—For non-budgetary purposes	25.00
Howard E. Reinheimer—For non-budgetary purposes	50.00
Mrs. Howard E. Reinheimer—In memory of Dr. Martin Ware— For non-budgetary purposes	15.00
Dr. Henry Reiss—For non-budgetary purposes	100.00
Anna Renfield Charitable Trust—For the Nose and Throat Cancer Fund	1,000.00
Sidney Rheinstein—For the 1951 Laboratory Completion Fund (additional gift)	3,337.50*
Dr. Alexander Richman—For the 1951 Laboratory Completion Fund	200.00
Dr. Alexander Richman—For Library	10.00
Dr. Harry Richman—In memory of Mr. Harry Steger—For neuro- logical research	100.00
Mr. and Mrs. L. H. Robbins—In memory of Dr. Miles B. Cheli- mer—For non-budgetary purposes in dental clinic	5.00
Miss Mae Rocklin—For non-budgetary purposes	22.50
Mrs. Minnie Rogoff—For Diabetic Research Fund	10.00
Mr. and Mrs. Alfred L. Rose—For the 1951 Laboratory Comple- tion Fund	23,312.50*
Mrs. Alfred L. Rose—In memory of Mr. Samuel Rosner—For non- budgetary purposes	25.00
Murray M. Rosenberg—For the 1951 Laboratory Completion Fund (additional gift)	10,350.00*
The Rosenstock Memorial Foundation, Inc.—For the Rosenstock Memorial Foundation Fellowship Fund	3,000.00
The William Rosenwald Family Fund, Inc.—For the 1951 Lab- oratory Completion Fund	500.00
Murray Rosner—For the 1951 Laboratory Completion Fund	25.00
Mrs. Louis F. Rothschild—For the 1951 Laboratory Completion Fund	500.00
Dr. I. C. Rubin—For the celebration of the centennial	1,000.00
Julius W. Rubin—For rhinoplasty research	250.00
Mr. and Mrs. Samuel Rudin—For Electrocardiograph Research Fund	250.00
Charles K. Rudman—In memory of Mrs. Anna Gross—For Diabetic Research Fund	40.00
Charles K. Rudman—In memory of Mr. Nathan Katzin—For Diabetic Research Fund	10.00
Charles K. Rudman—In memory of Pearl Pomper—For Diabetic Research Fund	25.00

The Damon Runyon Memorial Fund for Cancer Research, Inc.— For research on brain tumor localization.....	10,000.00
S. and S. Machinery Co.—For neurological research.....	1,000.00
Miss Edith Sachs—For the 1951 Laboratory Completion Fund....	2,000.00
Howard J. Sachs—For the 1951 Laboratory Completion Fund....	1,000.00
Sadowsky Foundation, Inc.—For the 1951 Laboratory Completion Fund	1,000.00
Henry Sadowsky—For Surgical "C" Research Fund.....	250.00
William Sambur and Gilbert Tilles—For neurological research....	500.00
Sandoz Chemical Works, Inc.—For Electrocardiograph Research Fund	700.00
Dr. I. Scotty Schapiro—For hematology research.....	250.00
Schenley Laboratories, Inc.—For research on the effect of adrenal cortical extract on the metabolic effects of ACTH and Cortisone	12,000.00
Jack W. Schiffer—For the 1951 Laboratory Completion Fund....	1,011.69*
Dr. Daniel E. Schneider—For neurological research.....	150.00
Grace and Edith Schneider Memorial Fund, The New York Com- munity Trust, Inc.—In memory of Grace and Edith Schneider —For non-budgetary purposes.....	1,700.00
Miss Helen E. Schneider—For the 1951 Laboratory Completion Fund	10.00
Schneiderman Family—For the 1951 Laboratory Completion Fund	300.00
Samuel S. Schneiersen—For non-budgetary purposes.....	1,250.00✓
Mr. and Mrs. William D. Scholle—For the 1951 Laboratory Com- pletion Fund (additional gift).....	5,500.00*
Mr. and Mrs. Louis Schulman—For gout research.....	2,000.00
Mrs. Robert Philip Schultz—In memory of Frances Becker—For cancer research	50.00
Mr. and Mrs. Ira A. Schur—For the 1951 Laboratory Completion Fund (additional gift).....	3,462.50*
Mr. and Mrs. Ira A. Schur—In memory of Mr. Edwin Mosler—For non-budgetary purposes	25.00
Dr. Adolph A. Schwartz—For neurological research.....	100.00
Sam Schwartz—For Diabetic Research Fund.....	46.00
Mrs. Fannie Schwarz—In memory of Mr. Harry Steger—For neurological research	10.00
Maximilian Schweizer—For non-budgetary purposes.....	160.71
G. D. Searle & Co.—For investigation of Banthine.....	2,700.00
Lewis R. Shafarman—In memory of Dr. William M. Hitzig's parents, Mayer and Shantsya Hitzig—For equipping an Ultra-Centrifuge Room in the new laboratory.....	25.00
Benjamin Shapiro—For the Iodine Research Fund.....	5,000.00
Mrs. Henry Siegbert—For the 1951 Laboratory Completion Fund	5,050.00*
S. Siegel—For gout research.....	25.00
Dr. Louis H. Sigler—For non-budgetary purposes.....	25.00

Mr. and Mrs. A. Silverman—In memory of Mr. Harry Steger— For neurological research	10.00
George A. Sloan—For non-budgetary purposes.....	100.00
Smith Periodical Fund—For Library Fund.....	22.00
Dr. Oscar J. Sokoloff—For neurosurgery research.....	50.00
John Somyak—For the 1951 Laboratory Completion Fund.....	100.00
Benjamin Sonnenberg—For the 1951 Laboratory Completion Fund.....	200.00
Mrs. Ruth Spiegelthal—In memory of Mr. Frank Zeitlin—For non- budgetary purposes in the Pediatric Pavilion.....	10.00
Sport-Craft, Inc.—For cancer research.....	100.00
Employees of Sport-Craft, Inc.—For cancer research.....	240.00
Squibb Institute for Medical Research—For hematology research..	5,000.00
Boris Squires—For Diabetic Research Fund.....	5.00
Matthew Stacom—For gout research.....	100.00
Mrs. Clara Staff—For non-budgetary purposes.....	25.00
Alfred Louis Stamm—For non-budgetary purposes.....	100.00
State of New York—For Pilot Study of Cleft Palate and Cleft Lip	2,166.67
Dr. Daniel Stats—For Library.....	10.00
Robert B. Stearns—For the 1951 Laboratory Completion Fund....	7,025.00*
Mr. and Mrs. Murry Steiger—In memory of Mr. Harry Deutsch— For Diabetic Research Fund.....	5.00
Mrs. Edward S. Steinam—For the Dr. Emanuel Libman Fellow- ship Fund	1,043.14*
Ruth and Milton Steinbach Fund, Inc.—For the 1951 Laboratory Completion Fund	2,500.00
Stepping Stone Society—For Isolettes for premature nursery....	1,000.00
Leo C. Stern—For the 1951 Laboratory Completion Fund (addi- tional gift)	2,600.00*
Miss Linda Sternberg—For non-budgetary purposes.....	10.00
Flora R. and Isidor M. Stettenheim Foundation, Inc.—For the Nose and Throat Cancer Fund.....	1,000.00
Jacob C. Stone—For the 1951 Laboratory Completion Fund (addi- tional gift).....	1,000.00
Seymour Stone—In memory of Mr. Aaron G. Srybnik—For neuro- logical research	15.00
Mrs. Arthur L. Strasser—For non-budgetary purposes.....	50.00
Martha Washington Straus—Harry H. Straus Foundation, Inc.— For Surgical "A" Research Fund.....	1,000.00
Nathan Straus—For non-budgetary purposes.....	250.00
Oscar S. Strauss II—For non-budgetary purposes.....	200.00
The Roger and Gladys Straus Foundation, Inc.—For the 1951 Laboratory Completion Fund (additional gift).....	35,000.00
Mr. and Mrs. Burton M. Strauss—In memory of Mr. James Gins- berg—For non-budgetary purposes	25.00
Mr. and Mrs. Jack Strauss—In memory of Mrs. Helen Klauber— For non-budgetary purposes	5.00

Mrs. M. J. Stroock—In memory of Mr. Moses J. Stroock—For Surgical "C" Research Fund.....	10.00
Mrs. M. J. Stroock—In memory of Mr. Sylvan Stroock—For Surgical "C" Research Fund.....	10.00
Mrs. M. J. Stroock—In memory of Mathilda Bamberger—For Surgical "C" Research Fund.....	10.00
The Stuart Foundation, Inc.—For the Milton M. and Carrie G. Silverman Fund.....	4,000.00
Mr. and Mrs. Milton M. Stuart—For Surgical "C" Research Fund.....	250.00
Dr. Sidney Tarachow—For neurological research.....	50.00
Dr. Sidney Tarachow—In memory of Mr. Harry Steger—For neurological research.....	25.00
Felix Tausend and Sons—For non-budgetary purposes.....	100.00
Mrs. Harry P. Tepperman—For rhinoplasty research.....	50.00
Benjamin Tick—For gout research.....	50.00
Jack Travetello—For non-budgetary purposes.....	10.00
Edward Treacy—For the 1951 Laboratory Completion Fund.....	50.00
Mr. and Mrs. Edwin Trent—In memory of Clara S. Tanenbaum—For Surgical "C" Research Fund.....	100.00
Mr. and Mrs. Edwin Trent—In memory of Mr. Samuel M. Schutz—For non-budgetary purposes.....	10.00
The United Fruit Co.—For research in celiac disease.....	10,110.00
U. S. Atomic Energy Commission—For investigation of drug eruption.....	5,886.00
U. S. National Science Foundation—Reaction mechanism of aromatic phosphoric ester hydrolysis.....	4,100.00
United States Office of Naval Research—For research to study heat-stable proteins and enzymes of bacteria.....	2,915.00
U. S. Public Health Service—For research on brain tumor localization.....	21,113.00
U. S. Public Health Service—For research on disorders of visual perception.....	19,440.00
U. S. Public Health Service—For circulatory and pulmonary studies during pregnancy.....	13,381.00
U. S. Public Health Service—For research on electrolytes in congestive heart failure.....	11,016.00
U. S. Public Health Service—For endocrinology research.....	8,246.48
U. S. Public Health Service—For the study of digital circulation and renal transplant in order to elucidate the mechanism of hypertension.....	8,100.00
U. S. Public Health Service—For research on hereditary hypercholesterolemia.....	8,046.00
U. S. Public Health Service—For research in Edema.....	7,000.00
U. S. Public Health Service—For Ground Substance Research Fund.....	6,264.00

U. S. Public Health Service—For the role of the protective mucous barrier in the etiology of experimental peptic ulcer.....	5,995.00
U. S. Public Health Service—For immunochemical studies of ragweed pollen extracts, chromatographic separation of active constituents	4,860.00
U. S. Public Health Service—For studies of desoxyribose nucleoprotein in disseminated lupus erythematosus.....	4,622.00
U. S. Public Health Service—For research on the effect of ACTH and cortisone on liquid metabolism.....	4,525.00
U. S. Public Health Service—For research on homeostasis in the pathogenesis of visceral lesions.....	990.00
Lewis M. Van Wezel—For lantern slides and illustrations.....	500.00
Mrs. Edna Oldham Varin—For neurological research.....	100.00
Edwin C. and Florence G. Vogel Fund, Inc.—For the 1951 Laboratory Completion Fund	7,500.00
Mrs. Edward H. Wack—For the Dr. Eli Moschcowitz Fund.....	10.00
Mrs. Rose Wagner—For non-budgetary purposes.....	25.00
The Sadie Baron Wakefield and George P. Wakefield Memorial Trust Fund—In memory of Mrs. Sadie Baron Wakefield's birthday—For metabolism research	1,000.00
Dr. Johanna Waldemar—For the Iodine Research Fund.....	10.00
Jack B. Wallach—For non-budgetary purposes.....	250.00
Mrs. Martin Ware—In memory of Dr. Martin Ware—For non-budgetary purposes	250.00
Henry Wasser—In memory of his son, Eric—For leukemia research	10.00
Jacob Wasserman—For the Anna Ruth Lowenberg Fellowship Fund	2,500.00
Jacob Wasserman—For hematology research.....	1,000.00
Mrs. Morton S. Webster—In memory of Mr. Abraham Adelberg—For the Dr. Eli Moschcowitz Fund.....	25.00
Sol E. Weinreich—For Diabetic Research Fund.....	500.00
Dr. Harry I. Weinstock—For the 1951 Laboratory Completion Fund	630.00
William Welkowitz—For the 1951 Laboratory Completion Fund..	50.00
A. R. Weller—In memory of Althea Murphy Savory—For leukemia research	10.00
Estate of Sara Welt (Kakels)—For the Sara Welt Memorial Fund (additional).....	113,228.80
Irving Wershaw—For Dermatological Research Fund.....	500.00
West Side Lions Club—For non-budgetary purposes.....	20.00
Edward V. Whiting—For psychiatry research.....	100.00
Lewis Wilding—For the 1951 Laboratory Completion Fund.....	100.00
Mrs. Ira S. Wile—In celebration of Dr. Murray H. Bass' 70th birthday—For the Dr. Murray H. Bass Fund.....	50.00
Mrs. Charles A. Wimpfheimer—For the 1951 Laboratory Completion Fund (additional gift).....	5,000.00

Harold D. Wimpfheimer—For the 1951 Laboratory Completion Fund (additional gift).....	5,439.38*
Dr. and Mrs. Seymour Wimpfheimer—In memory of their parents, Waldemar Kops and Frieda and Edward Wimpfheimer—For non-budgetary purposes	2,500.00
Nathan Winarick—For gout research.....	100.00
Mrs. Edmond E. Wise—In honor of Mr. Carl J. Austrian's 60th birthday—For non-budgetary purposes.....	60.00
George S. Wise—For gout research.....	800.00
George S. Wise—For neurological research.....	100.00
Miss Kate Wollman—For the Dickey Schneierson Memorial Fund	500.00
Maurice E. Wyner—For gout research.....	250.00
Mrs. Walter D. Yankauer—In memory of the birthday of her grandmother, Mrs. Joseph B. Bloomingdale—For Research Fund	25.00
Charles Zinaman—For non-budgetary purposes.....	59.00
Total	<u>\$1,810,035.45</u>

FOR THE SCHOOL OF NURSING

The Murry and Leonie Guggenheim Foundation—For The Murry and Leonie Guggenheim Scholarship and Aid Fund.....	\$175,000.00
Estate of Theodore Obermeyer—For General Fund.....	8,265.39
Lewis M. Scheuer—For students' finishing party.....	40.00
Total	<u>\$183,305.39</u>

* Represents in whole or in part securities donated; stated at approximate market value at time of donation or net proceeds of sale of such securities.

MISCELLANEOUS DONATIONS RECEIVED DURING YEAR 1952

Anonymous—In memory of Mr. Sigmund Hollander.....	\$ 10.00
Robert Berman	18.00
Leonard Biel—In memory of Mr. Frederick Siegfried Ranzenhofer....	10.00
James Madison Blackwell	10.00
George E. Coleman	30.00
William Gilligan.....	10.00
David Novales.....	10.00
Mr. and Mrs. Irving Sheraga and Son.....	10.00
Saul Shullman.....	10.00
Texas Medical Center, Inc.	50.00
Miscellaneous Donations (Less than \$10.00).....	35.42
 Total.....	 \$203.42

DONATIONS IN KIND

Ludwig Arnson—Television Set
 Joseph F. Cullman, Jr.—Cigarettes as Christmas Gift to all personnel
 Dr. John H. Garlock—Subscriptions to the Philharmonic Symphony Concerts for
 the House Staff and the Nurses
 Phillip W. Haberman, Jr.—Electric Fan
 Mrs. John A. Herrmann—Handkerchiefs
 Kathryn Kay Associates—Toys
 Sidney Levy—Medical and Surgical Supplies and Used Mimeograph Machine
 Maplewood Paper Mills—Paper Materials and Plastic Eating Utensils
 Dr. Joseph Novak—Kymograph
 Ira A. Schur—Photographic Enlarger
 Miss Ann Schuster—Oxygen Tent Canopy
 Dr. Eugene R. Snyder—Microtone and Barshey Chair
 U. S. Atomic Energy Commission—Radioactive Materials

DONATIONS TO SOCIAL SERVICE DURING YEAR 1952

FOR NON-BUDGETARY PURPOSES

Anonymous	\$ 1.00
Anonymous	1.00
Anonymous (In honor of Louise's Birthday).....	10.00
Mrs. Jack R. Aron	375.00
Mrs. Jesse Asinof	85.00
Mrs. Paul Baerwald	600.00
Mrs. Robert M. Benjamin.....	250.00
Mrs. Richard Bernheim	30.00
Miss Caroline Bijur (In memory of Mrs. Leon Weil).....	5.00
Mrs. Robert E. Binger	290.00
Mrs. J. Horace Block (In memory of Dr. Daniel Poll).....	5.00
Mrs. Robert G. Blumenthal	85.00
Mrs. Edward Blum (In memory of Mrs. Leon Weil).....	10.00
Mrs. Myron I. Borg.....	300.00
Mrs. William M. Cahn, Jr.....	25.00
Mr. and Mrs. Paul Cicchetti.....	15.00
Mrs. Arthur J. Cohen	600.00
Mrs. Samuel Cohen (In honor of Jeffrey Lesser).....	5.00
Mrs. Leonard A. Cohn	600.00
Mrs. Ralph Colp (In memory of Mr. Jerome Jackson).....	5.00
Mrs. Alfred A. Cook.....	1,100.00
Mr. and Mrs. Clement S. Crystal (In memory of Mrs. Ella Brecker)	10.00
Mrs. Joseph F. Cullman, 3rd.....	440.00
Mrs. Anne Finkelstein	5.00
Mr. Harry Fischbach and Family, and Erna Newbower (In memory of Mrs. Helen V. Klauber).....	20.00
Mrs. Ellen Auguste Freudiger de Denes (In memory of Uncle, Mr. Arthur Sandheimer)	20.00
Gaisman Foundation, Inc.	100.00
Glazier Foundation, Inc.	1,075.00
Mrs. Samuel Goldberg (In honor of birthday of Mrs. Gussie Brann)	5.00
Mrs. Irving Goodfield (In memory of parents, Sarah and Simon Seide).....	25.00
Mrs. Martin H. Goodkind (In memory of Miss Elsie Kronthal)...	25.00
Baroness Theodore De Gunzburg.....	10.00
Mrs. Frederick M. Heimerdinger (In honor of Mrs. Victor S. Riesenfeld's Birthday)	10.00
Mrs. John A. Herrmann.....	75.00
Mr. and Mrs. Steven J. Hirsch.....	100.00
Mrs. Walter A. Hirsch	700.00

Mrs. Walter A. Hirsch (In memory of Mrs. Leon Weil).....	10.00
Dr. Godel I. Hunter.....	5.00
Mrs. Henry Ickelheimer.....	50.00
Mrs. Harry Allan Jacobs (In memory of Mrs. Leon Weil).....	10.00
Mrs. Hugo Kastor.....	255.00
Mrs. Hugo Kastor (In memory of Mrs. Leon Weil).....	10.00
Mrs. Alan H. Kempner.....	525.00
Mrs. Richard Kaye Korn (In memory of Mr. Walter A. Hirsch and Mrs. Levi Mayer).....	15.00
Mrs. Robert H. Kridel.....	120.00
Mrs. Leona Lebow.....	25.00
✓ Mrs. George Lee.....	320.00
Mrs. Herbert H. Lehman.....	800.00
Mr. and Mrs. Jack Lehman, Jr. (In memory of Mr. Edwin Mosler)	5.00
Mr. and Mrs. Jack Lerner (In memory of Mrs. Katy Mayer).....	5.00
Mrs. Emanuel F. Liftman (In memory of Mr. Steven Silver).....	5.00
Mr. Carl Lindner.....	5.00
Mrs. Louis M. Loeb.....	250.00
Mrs. Jerome I. Maier.....	80.00
Mrs. Arthur C. Mendelsohn (In memory of Daughter, Annette)..	5.00
Mrs. Hortense Morris.....	10.00
O.P.D. Skin and Rectal Clinic Staff (In memory of Mrs. Kate Nudelman).....	25.00
Mr. Jerome H. Oppenheimer.....	50.00
Progressive Club of Atlanta, Ga. (In memory of Mr. Jack Pomerantz).....	25.00
Mrs. Victor S. Riesenfeld.....	340.00
Mrs. Melvin C. Robbins.....	15.00
Mrs. R. K. Robertson (In name of George Blumenthal).....	25.00
Mr. Alfred L. Rose (On occasion of Mr. Joseph F. Cullman, Jr.'s Birthday).....	13.24
Mrs. Edward J. Rosenwald.....	30.00
Miss Edith Sachs.....	575.00
Mrs. Edward M. Salomon (In memory of Mrs. Leon Weil).....	10.00
Mrs. Jacob H. Scheuer (In memory of Mrs. Leon Weil).....	100.00
Mrs. William D. Scholle.....	400.00
Dr. and Mrs. Martin Schrieber (In memory of Mr. Joseph M. Gottesman, Brother of Mrs. Pauline Leplin).....	5.00
Mrs. Ira A. Schur (In memory of Father).....	15.00
Mrs. Ira A. Schur (In memory of Mother).....	10.00
Mr. and Mrs. Ira A. Schur (In honor of Mr. Barnet M. Stein).....	15.00
Mr. and Mrs. Samuel J. Schur (In memory of Mr. Mark Holstein)	5.00
Mrs. Henry L. Sherman (In memory of Mrs. Leon Weil).....	10.00
Mrs. Henry Siegbert.....	240.00
Mrs. Jessica Signer and Mrs. Celia Menken (In memory of Mother, Mrs. Rose Siegel).....	200.00

Miss Edith Stern.....	20.00
Mr. and Mrs. Joseph S. Stern (In honor of 30th Wedding Anniversary of Mr. and Mrs. Joseph Klingenstein).....	5.00
Mrs. Edwin W. Weil (In memory of Mrs. Leon Weil).....	15.00
Mrs. Frank L. Weil.....	10.00
Henrietta and Frank Weil Foundation Inc.....	220.00
Dr. and Mrs. D. E. Weinberg (In honor of Mr. Barnet M. Stein)..	5.00
Mrs. Robert M. Werblow (In memory of Parents).....	100.00
Mrs. Joseph H. Wise (In memory of Mrs. Leon Weil).....	10.00
Mrs. Clarence Wolff (In memory of Dr. Daniel Poll).....	15.00
Mr. Kurt Zschaler.....	30.00
Total.....	<u>\$12,065.24</u>

DEDICATED BUILDINGS

CHILDREN'S PAVILION

Erected in Loving Remembrance of
LEWIS EINSTEIN *and* MILLY EINSTEIN FALK
by HENRY L. EINSTEIN ... 1921

PRIVATE PAVILION

Dedicated to the Memory of
MEYER *and* BARBARA GUGGENHEIM
by their Children ... 1920

OUT-PATIENT BUILDING

Dedicated to the Memory of
MAYER LEHMAN
by his Children ... 1904

ADOLPH LEWISOHN PATHOLOGICAL

and LABORATORY BUILDING
Donated *by* ADOLPH LEWISOHN ... 1904-1922

AUDITORIUM

Dedicated to the Memory of
GEORGE BLUMENTHAL, JR.
by FLORENCE *and* GEORGE BLUMENTHAL ... 1920

LABORATORY BUILDING

Dedicated to the Memory of
ABRAHAM *and* AMELIA MEYERS ... 1938

CHILDREN'S CLINIC

Dedicated to the Memory of
FLORENCE HENRIETTA WALTER
and MARJORIE WALTER GOODHART
by their Parents
FLORENCE B. *and* WILLIAM I. WALTER ... 1916-1923

THE MAGDALENE AND CHARLES KLINGENSTEIN
MATERNITY PAVILION

Dedicated to the Memory of
MR. *and* MRS. CHARLES KLINGENSTEIN
by the Estate of
MRS. CHARLES KLINGENSTEIN ... 1952

THE ATRAN LABORATORY

Dedicated in Honor of
THE FRANK Z. ATRAN FOUNDATION, INC. ... 1952

THE BERG INSTITUTE OF RESEARCH

Dedicated in Memory of
DR. HENRY W. BERG
by his Brother
Dr. A. A. Berg ... 1952

ESTABLISHMENT OF WARDS

THE CHARLES A. WIMPFHEIMER WARDS

For Surgical Treatment of

Diseases of the Stomach and Intestines

Founded by CHARLES A. WIMPFHEIMER ... 1916

THE ADOLPH BERNHEIMER

MEMORIAL WARD

Founded by his Daughter, ROSIE

February 16th, 1897

THE MRS. ADOLPH BERNHEIMER

MEMORIAL WARD

Founded by her Daughters

ROSIE BERNHEIMER *and* FLORENCE B. WALTER

February 16th, 1916

MAIN OPERATING ROOM

Dedicated to the Memory of

ISAAC *and* BABETTE BLUMENTHAL

By ALFRED, GUSTAV, HUGO, BENJAMIN,

and GEORGE BLUMENTHAL ... 1904

GENITOURINARY WARD

Dedicated to the Memory of

JOEL GOLDENBERG

By Provision in his Will ... 1904

THE SIMON ROTHSCHILD WARD

In Perpetuity ... 1905

THE EMANUEL LEHMAN
MEMORIAL WARD

Dedicated February 15th, 1911

Founded by

MRS. SIGMUND LEHMAN, MRS. EVELYN L. EHRICH,
MR. PHILIP LEHMAN

THE JOSEPH AND SOPHIA SACHS
MEMORIAL WARDS

Dedicated to the Memory of their Parents by
SAMUEL *and* HARRY SACHS ... 1913

THE ELIAS WARD

in this Ward Beds were Established

Three Beds in Memory of Raphael Elias
Three Beds in Memory of Sarah Elias
Three Beds in Memory of Robert F. Elias
Three Beds in Memory of Henry F. Elias
All Founded by the Provision in the Will of
HENRY F. ELIAS ... 1928

THE ALFRED AND HANNAH
BLUMENTHAL WARD

Founded 1922

THE LOUIS N. KRAMER MEMORIAL
Founded by Provision in his Will ... 1930

THE BELLA STIEFEL WARD

Provided in the Will of
BELLA STIEFEL

1939

ESTABLISHMENT OF ROOMS

Dedicated to the Memory of
LINA MEYER ASIEL
By ELIAS ASIEL ... 1904

THE EDWARD LAUTERBACH ROOM
Dedicated in Perpetuity by the Board of Trustees of
The Mount Sinai Hospital in Grateful Recognition of
His Eminent Services... 1904

Dedicated by
DISTRICT GRAND LODGE No. 1
INDEPENDENT ORDER FREE SONS OF ISRAEL
M. SAMUEL STERN, *Grand Master*
FOUR BEDS ... 1901

Dedicated for the Benefit of
THE ALUMNAE OF
THE MOUNT SINAI HOSPITAL
SCHOOL OF NURSING
By MRS. MAX NATHAN ... 1904

Dedicated to the Alumnae of
THE MOUNT SINAI HOSPITAL
SCHOOL OF NURSING

By
MR. AND MRS. CHARLES KLINGENSTEIN
1931, 1941 and 1947

In Memory of
ISAAC STRAUSS
1825-1876
Established by his Son
CHARLES STRAUSS ... 1934

In Memory of
HENRIETTA STRAUSS
1819-1893
Established by her Son
CHARLES STRAUSS ... 1934

THE JACOB AND HENRIETTA SNEUDAIRA ROOM
Founded by Provision in the Will of
MOSES J. SNEUDAIRA ... 1935

In Memory of
DAVID, ROSINE, LEOPOLD, MAX, BERTHA
and HENRIETTA OETTINGER
Established by
Estella Oettinger
1946

TABLETS

IN COMMEMORATION
OF DISTINGUISHED SERVICES RENDERED TO
AND LIBERAL BENEFACTIONS BESTOWED UPON
THE MOUNT SINAI HOSPITAL

From 1852 to 1900

SAMPSON SIMSON
Founder of
THE MOUNT SINAI HOSPITAL
1852

HARRIS ARONSON
For Devoted Services
For More Than 20 Years
Died, Feb. 8, 1879, While President

LEWIS PHILLIPS
For his Generous Bequest
1876

EMANUEL B. HART
A Vice-President
For his Efforts in Obtaining Land
For the New Hospital in
1869

BENJAMIN NATHAN, President
And

MORRIS FATMAN, Treasurer
For Donations Which Initiated the
Permanent Fund in
1869

JUDAH TOURO
For his Liberal Bequest
1867

SARAH BURR
For her Many Benefactions
From 1886 to 1893

MICHAEL REESE
San Francisco
For his Liberal Bequest
1878

MAYER LEHMAN
For his Services
As a Director for 20 Years
And for his Liberal Contributions
1897
(Erected in Administration Building)

In Grateful Recognition
Of the
Generous Contributions
To this Library
By
NATHAN M. T. SONDHEIMER
of
Frankfort am Main
Germany
(Erected in Medical Library)

1904
 THE
 MOUNT SINAI HOSPITAL
 ORGANIZED AS THE JEWS HOSPITAL
 FEBRUARY 25th 1852
 LOCATED ON WEST 28th STREET
 BETWEEN 7th AND 8th AVENUE
 CORNER STONE LAID NOVEMBER 24th 1853
 DEDICATED MAY 17th 1855
 BUILDING COMMITTEE
 HENRY HENDRICKS
 J. D. PHILLIPS JOHN M. DAVIES

HOSPITAL ON LEXINGTON AVENUE
 66th AND 67th STREETS
 CORNER STONE LAID MAY 25th 1870
 DEDICATED MAY 27th 1872
 BUILDING COMMITTEE

BENJAMIN NATHAN	SAMUEL A. LEWIS
JOSEPH FATMAN	JOHN M. LAWRENCE
EMANUEL B. HART	LEWIS MAY

(Erected in Administration Building)

1904
 THE LADIES AUXILIARY SOCIETY
 OF THE
 MOUNT SINAI HOSPITAL
 DONORS IN MEMORIAM

ALVINA BARNET	RACHEL S. LEVY
SOPHIA BEER	ESTHER S. MOSES
ALINE BERNHEIM	CAROLINE NEUSTADTER
GUSTAVE BERNHEIM	RACHEL PFEIFFER
HENRIETTA COOK	JOSEPHINE ROTHSCHILD
CLARA GLAZIER	MATHILDE ROTHSCHILD
AMELIA KLINGENSTEIN	WILLIAM ROTHSCHILD
FANNIE LANGSDORF	HENRIETTE SELIGMAN
AMELIA LAVANBURG	NETTIE SELIGMAN
HANNAH LAVANBURG	HANNAH VOGEL
ROSA LEHMAN	HANNAH WISE
DAVID LEVENTRITT	CARRIE WORMSER

(Erected in Administration Building)

THE
MOUNT SINAI HOSPITAL
CORNER STONE LAID MAY 22nd 1901
DEDICATED MARCH 15th 1904

ISAAC WALLACH	PRESIDENT
ISAAC STERN	VICE PRESIDENT
DAVID WILE	SECOND VICE PRESIDENT
E. ASIEL	TREASURER
LEO ARNSTEIN	SECRETARY

DIRECTORS

HENRY GITTERMAN	ADOLPH LEWISOHN
SIMON ROTHSCHILD	ISAAC N. HEIDELBERG
MAX NATHAN	EMIL S. LEVI
GEORGE BLUMENTHAL	MURRY GUGGENHEIM
HERMAN MENDEL	JEFFERSON SELIGMAN
EDWARD OPPENHEIMER	HENRY MORGENTHAU
MORRIS S. BARNET	JACOB EMSHEIMER
HENRY R. ICKELHEIMER	JAMES SPEYER
MEYER H. LEHMAN	LOUIS M. JOSEPHTHAL
KALMAN HAAS	HUGO BLUMENTHAL
JOSEPH F. CULLMAN	CHARLES A. WIMPFHEIMER
JOSEPH FOX	M. SAMUEL STERN
ADOLPH HERRMANN	HONORARY DIRECTOR

BUILDING COMMITTEE

ISAAC STERN	CHAIRMAN
MAX NATHAN	ISAAC WALLACH
JOSEPH FOX	EDWARD OPPENHEIMER
SIMON ROTHSCHILD	ADOLPH LEWISOHN
ARNOLD W. BRUNNER	WILLIAM SCHICKEL
Architect	Consulting Architect

(Erected in Administration Building)

In Memory of
HENRY GITTERMAN
In Grateful Recognition of
Fifty Years' Service as a Director

1866-1916

(Erected in Administration Building)

1904
THE LADIES AUXILIARY SOCIETY
OF THE
MOUNT SINAI HOSPITAL

MRS. M. H. MOSES	PRESIDENT
MRS. J. A. COOK	1st VICE-PRESIDENT
MRS. LOUIS LAVANBURG	2nd VICE-PRESIDENT
MRS. JULIUS BEER	TREASURER
MRS. J. R. SELIGMAN	HON. SECRETARY

DIRECTRESSES

MRS. S. BANNER	MRS. S. KLINGENSTEIN
MRS. G. BERNHEIM	MRS. R. LIMBURGER
MRS. L. BERNHEIMER	MRS. O. S. LOEB
MRS. J. BRETtauER	MRS. K. MANDEL
MRS. M. DITTENHOFFER	MRS. S. MARCKWALD
MRS. E. E. DREYFOUS	MRS. L. RANGER
MRS. JACOB ERDMAN	MRS. I. ROSENWALD
MRS. M. S. FECHHEIMER	MRS. V. H. ROTHSCHILD
MRS. J. FRANKENHEIMER	MRS. WM. ROTHSCHILD
MRS. A. FRIEDLANDER	MRS. L. B. SCHRAM
MRS. S. W. GLAZIER	MRS. JESSE SELIGMAN
MRS. A. JOSEPH	MRS. I. WORMSER, JR.

MRS. ISIDOR WORMSER—HON. DIR.

(Erected in Administration Building)

ABRAHAM JACOBI LIBRARY

Dedicated April 23, 1910

By the

Board of Directors

Of

The Mount Sinai Hospital

In

Grateful Recognition

Of

Fifty Years of Devoted

Unselfish and Illustrious

Medical Service Rendered

To the

Institution

(Erected in Medical Library)

This Tablet Has Been Set to Commemorate
The Voyage of the Good Ship LAPLAND Which
Left her Port in the United States of America
On the Sixth Day of February, Arriving Safely at
Her Destination in Europe on the Twenty-
Fifth Day of the Same Month
In the Year of Our Lord 1918,
After Crossing the Stormy and Perilous
Atlantic Under the Wise and Brave Command
Of CAPTAIN JOHN BRADSHAW.
She Carried Fifteen Hundred Canadian Troops,
Distinguished American Men of Science and the
Officers, Nurses, Enlisted Men, and Civilians
Forming the Personnel of the United States Army
Base Hospital, Number Three—
THE UNIT OF THE MOUNT SINAI HOSPITAL,
New York.

(Erected in Attendings Room)

In Memory of
BERTHA WEHLE NAUMBURG
Founded by her Son
WALTER W. NAUMBURG
March 3, 1922
(Erected in X-ray Department)

Equipped by
LOUISA AND SAMUEL SACHS
In Memory of their Daughter
ELLA SACHS PLOTZ
1923
(Erected in X-ray Museum)

DEPARTMENT OF RADIUM AND RADIO-THERAPY
FLORETTE and ERNST ROSENFELD FOUNDATION
1923
(Erected in Radio-Therapy Department)

In Recognition of the
Patriotic Service of the
PHYSICIANS—SURGEONS—AND NURSES
Comprising
THE MOUNT SINAI HOSPITAL UNIT
BASE HOSPITAL NUMBER THREE
And of the Faithful
Service Rendered to
THE UNITED STATES GOVERNMENT
During the
World War 1917-1919
By Other
PHYSICIANS—SURGEONS—AND NURSES
Of
THE MOUNT SINAI HOSPITAL AND DISPENSARY
This Tablet is Dedicated
By the Trustees of
The Mount Sinai Hospital
1919
(*Erected in Main Hall*)

OUT-PATIENT DEPARTMENT DENTAL CLINIC
Equipped and Supported by
DAVID A. SCHULTE
1925
(*Erected in Out-Patient Department*)

Dedicated to the Memory of
ISAAC AND SARAH ERDMANN
1925
(*Erected in Pathological Lecture Hall*)

Erected by
CHARLES A. WIMPFHEIMER
A Most Generous Friend of the Hospital
1926
(*Erected in North Building Laboratory*)

In Loving Memory of
ETTA COHEN LORSCH
1928
(Erected in Social Service Department)

In Grateful Appreciation of the Generous Benefactions of
MARGARET OLIVIA SAGE
Made in Memory of her Husband
RUSSELL SAGE
1918
(Erected in Administration Building)

In Grateful Recognition of a Munificent Bequest
Made by
JOSEPH FRANK
1919
(Erected in Administration Building)

In Memory of
MARTIN HERMAN
Bequeathed by his Brother, ALEXANDER HERMAN
1927
(Erected in Administration Building)

In Grateful Recognition and Remembrance of the Generosity and Services of
SIDNEY S. PRINCE
Trustee and Officer of The Mount Sinai Hospital
1929
(Erected in Administration Building)

To Commemorate
The Founding of the JACOB NEWMAN Beds
Founded by Provision in his Will
1939
(Erected in Administration Building)

Erected on the Occasion of
The Eightieth Birthday
of

GEORGE BLUMENTHAL

By

His Fellow Trustees
To Record

Their Grateful Appreciation of
His Spirited Leadership and
Unparalleled Contribution
To the Development of this
Institution During Forty-
Six Years as Trustee and
Twenty-seven Years

As President

April 7, 1938

(Erected in Main Hall)

Dedicated to

HUGO BLUMENTHAL

President—Director—Adviser—Friend

In Grateful Recognition of

His Many Years of Devoted Service

To

THE MOUNT SINAI HOSPITAL SCHOOL OF NURSING
ITS STAFF AND STUDENT NURSES

Board of Directors

The Faculty

Alumnae Association

January 1, 1941

(Erected in Nurses' Residence)

In Memory of

LT. COL. LOUIS S. GIMBEL, JR.

United States Army Air Corps

By his Associates of S. S. Steiner, Inc.

1942

(Erected in Administration Building)

In Memory of

PFC. KURT F. MAXWELL

United States Army—Philippines

By His Associates of S. S. Steiner, Inc.

1944

(Erected in Administration Building)

IN GRATEFUL RECOGNITION OF THE GENEROSITY OF
MR. AND MRS. ALLEN L. GOLDFINE
IN PROVIDING SUPPORT FOR SCIENTIFIC RESEARCH
IN RADIOACTIVE ISOTOPES

1945

(Erected in Administration Building)

In Memory of
LOUISE F. UNTERMYER
Member of the Social Service Auxiliary

1939-1944

(Erected in Patients' Library)

1941-1945
IN MEMORY OF THE PERSONNEL OF
THE MOUNT SINAI HOSPITAL
WHO GAVE THEIR LIVES
IN THE SERVICE OF THEIR COUNTRY
DURING WORLD WAR II

Nils T. Carlson
Sidney C. Feinberg, M.D.
Andrew Goldstein
Jerome W. Greenbaum, M.D.
Eugene M. Holleb, M.D.
Herman L. Jacobius, M.D.

Goodell G. Klevan, M.D.
Joe Owesney
Benjamin Ritter, M.D.
Helen E. Rogers, R.N.
Stanley J. Snitow, M.D.

ERECTED BY THE MEDICAL STAFF OF
THE MOUNT SINAI HOSPITAL
(Placed in Medical Staff Room)

IN GRATEFUL RECOGNITION
AND REMEMBRANCE
OF THE
GENEROSITY AND SERVICES
TO THIS CLINIC
BY
MRS. CHARLES KLINGENSTEIN

1946

(Erected in Children's Clinic)

THE
NICHOLAS M. SCHENCK
LABORATORY
1949
(Erected in Administration Building)

In Memory of
KAREL LODEWIJK VOORZANGER
June 20, 1903-January 20, 1930
Of Rotterdam, The Netherlands
By His Parents
(Erected in Administration Building)

DEDICATED
TO THE MEMORY OF
ANNIE H. KAHN
FRED HIRSCHHORN
CHARLES HIRSHON
BY
FRANCES C. KAHN
1948
(Erected in Administration Building)

IN GRATITUDE TO
WILLIAM NELSON CROMWELL
FOR HIS BEQUEST
IN MEMORY OF HIS PARTNER
ALFRED JARETZKI
1949
(Erected in Administration Building)

IN GRATEFUL ACKNOWLEDGMENT
OF A GIFT
IN MEMORY OF
ANNETTE S. MENDELSON
BY HER
MOTHER
1949
(Erected in Medical Library)

THE
DOROTHY H. ROSENSTIEL
PEDIATRIC MEMORIAL
(Erected in Pediatric Laboratory)

In Grateful Recognition of the Generous Gift of
THE MURRY AND LEONIE GUGGENHEIM FOUNDATION
Edmond A. Guggenheim, President
To Establish
THE MURRY AND LEONIE GUGGENHEIM SCHOLARSHIP AND
AID FUND
For Student Nurses of
THE MOUNT SINAI HOSPITAL SCHOOL OF NURSING
1952
(Erected in Nurses' Residence)

In Memory of
BERTHA BRENNER
Executive Secretary, Office of Medical Education
For Her Selfless Loyalty and Ideals
1952
(Erected in Medical Library)

In Memory of
REBA A. AND DAVID BAUM
1952
(Erected in Administration Building)

PERPETUAL BEDS

IN MEMORY OF:

LOUIS W. NEUSTADTER
Dedicated by his wife...1873

DANIEL JOSEPH JAFFE
Dedicated by the family...1874

ISAAC DITTENHOEFER
Dedicated by A. J. Dittenhoefer...1874

LEWIS EINSTEIN...1875

KATY WHITE
Wife of J. L. Englehart
Niece of Jonas and Yette Heller...1875

MARY ROSENBAUM
By her husband, S. D. Rosenbaum...1876

LAZARUS HALLGARTEN...1876

MARTIN and JOSEPH BACHRACH
Beloved sons of
Samuel and Babette Bachrach...1877

MINA SCHAFER
Dedicated by her children...1878

BENJAMIN NATHAN
Dedicated by will of his wife...1879

Dedicated by
SARAH HEINEMANN...1879

ABRAHAM SCHOLLE...1880

LEONORA WORMSER
Vice-President of the
Ladies' Auxiliary Society
Wife of Simon Wormser...1880

NATHAN BLUN
Established by his children...1880

MARY S. SAHLEIN
Wife of William Sahllein...1881

WILLIAM SAHLEIN...1881

DAVID WALLERSTEIN...1881

HARRIS ARONSON...1881

ARNOLD UHLMAN
Dedicated by the family...1883

JOSEPH RECKENDORFER
Dedicated by his wife...1883

ISAAC AND IDA MEYER
Dedicated by their children...1883

HERMAN FRIEDLANDER
Dedicated by his family...1883

NATHAN ASIEL
Dedicated by his family...1883

SIEGMUND SPINGARN
Dedicated by his family...1884

EMANUEL HOFFMAN
Dedicated by his family...1884

ADOLPH HALLGARTEN...1885

SIPHRA STERN
Dedicated by her children...1887

BENJAMIN F. MEYER
Dedicated by his brother...1887

JONAS HELLER
Dedicated by his family...1887

HENRY HERRMAN
Established by Esther Herrman...1889

HENRYETTE MORTIMER
and EDWARD ROSENFELD
Dedicated by the husband and father...1889

MAURIE E. ANSBACHER
Dedicated by Adolph B.
and Frances E. Ansbacher...1889

SIDNEY SPEYER
Dedicated by James Speyer...1890

NATHAN LITTAUER...1891

HIRSCH WALLACH and
BIENCHEN WALLACH
Dedicated by Isaac Wallach...1891

LOUISE LITTAUER
Daughter of Nathan and
Harriet Littauer...1891

ROSA VEIT...1892

SOPHIA ROTH
Dedicated by Ludwig Roth...1892

BERNARD L. and FANNY TIM
Established by Louis and Solomon Tim...1892

SIGMUND ROBERTSON
Dedicated by the family...1892

GRACE A. L. CULLMAN
Dedicated by her husband...1892

ESTHER ASIEL
Dedicated by her son...1892

MOSES WASSERMAN...1893

DR. JOSEPH MAINZER
Dedicated by his brother...1893

JOHANNA FATMAN
Dedicated by S. A. Fatman...1893

SYLVESTER BRUSH and
SARAH, HIS WIFE.
Dedicated by their children...1893

JESSE SELIGMAN
Dedicated by the family...1894

BABETTE SCHOLLE
Dedicated by her children...1894

ALBERT S. ROSENBAUM...1894

ISRAEL D. and HENRIETTA WALTER
Dedicated by William I. Walter...1894

ISAAC BERNHEIMER...1894

MORITZ JOSEPHTHAL
Dedicated by his widow...1895

LEOPOLD BOSCHOWITZ
Dedicated by his brothers and sisters
1837-1895

JOSEPH LOUIS MYERS
Dedicated by Louisa Myers...1895

ADOLPH T. SCHOLLE
Dedicated by his father...1895

ADOLPH BERNHEIMER
Dedicated by Miss Rosie Bernheimer...1895

BERTHA MORRIS
Dedicated by her relatives...1896

DAVID WALLACH
Chicago, Ill....1896

MAYER GOLDSMITH
Dedicated by his widow...1896

MATHILDA OPPENHEIMER
Dedicated by her husband...1897

BERNARD MAINZER
Dedicated by the family...1897

CARL THEODOR MAYER
Dedicated by Antoinette Mayer...1897

ADELAIDE BALLIN KING
Dedicated by her husband...1897

MARIANE ICKELHEIMER
Dedicated by Mrs. Julie Heidebach...1897

JULIUS L. GOLDENBERG
Dedicated by his mother...1897

BERNARD COHEN...1897

S. J. SPIEGELBERG
A former Director of this Institution...1898

ELIAS JACOBS
Dedicated by his wife...1898

Mr. and Mrs. GEORGE BLUMENTHAL
1898

ROSALIE NATHAN
Dedicated to the Cause of Humanity...1899

MARTIN H. LEHMAIER...1899

LYDIA WOLFF
Wife of Abraham Wolff...1900

ABRAHAM WOLFF...1900

DAVID MARKS
Dedicated by his wife...1900

LOUISE HOFFMAN
Dedicated by her children...1900

HOUSMAN MEMORIAL BEDS
Dedicated by Arthur A. Housman
(Two Beds)...1900

ROBERT GRAHAM DUN...1900

HIS WIFE, BERTHA,
and DAUGHTER, SOPHIE
Dedicated by David Kohn...1900

SIMON AND ROSETTA S. BERNHEIMER
Dedicated by Jacob S. Bernheimer...1900

HENRIETTA RUBENS
Dedicated by Charles Rubens...Paris, 1901

LAZARUS and BABETTE MORGENTHAU
Dedicated by Henry Morgenthau...1901

EDWARD B. SIMON
Dedicated by his wife...1901

JOSIAH L. WEBSTER
Dedicated by C. B. Webster...1901

JOSEPH KAUFMAN
Founded by provision in his will...1901

EMANUEL LAUER
Dedicated by his daughters,
Carrie Lehman and Sophie Goodhart...1901

BERNARD and HENRIETTA HEINEMAN
Dedicated by Moses Heineman...1901

MARX and SOPHIE HORNTAL
Dedicated by their children...1901

MOSES BRUHL
Dedicated by his wife and daughters...1901

MORITZ and ERNESTINE COHN
Dedicated by their children...1901

BETTY LOEB
Dedicated by Solomon Loeb...1902

ELIZABETH JEFFRIES GARVEY
Dedicated by Andrew Jeffries Garvey
(Two Beds)...1902

LOUIS and YETTA STIX...1902

THEODORE G. WEIL...1902

JACOB RUBINO
(Two Beds)...1902

FANNY MYERS
Dedicated by David E. Sicher...1902

JACOB S. BERNHEIMER
Dedicated by his wife and children...1902

BERNARD BARUCH
Established by his grandson...1902

Dedicated by
THE HEBREW MUTUAL BENEFIT
SOCIETY
To Commemorate Its 75th Anniversary
1902

RACHEL V. and CHARLES STERNBACH
Dedicated by Sidney M. Sternbach...1903

FLORENTINE WEINBERG
Dedicated by Philip Weinberg...1903

CLARA WERTHEIM
Dedicated by Henry P. Wertheim...1903

JACOB BOOKMAN...1903

EDWARD J. KING
Dedicated by his wife, Rosalie King...1904

MARCUS L. STIEGLITZ
Dedicated by his wife, Sarah Stieglitz...1904

JOSEPH FREEDMAN
Dedicated by his son, Andrew Freedman
1904

SIMON BORG
Dedicated by his wife, Cecelia Borg...1905

RUTH M. GROSS
By her parents, Morris and Carrie L. Gross
1905

HANNAH VOGEL
Dedicated by her husband, William Vogel
1905

M. S. MORK
Dedicated by his wife, Minnie Mork...1905

Dedicated by
MR. and MRS. EUGENE MEYER...1905

JOSEPH B. BLOOMINGDALE...1905

ADOLPH HERRMANN
Founded by provision in his will...1906

EDGAR HENDRICKS
HENRY H. HENDRICKS
and CLIFFORD B. HENDRICKS
Established by their mother,
Emma B. Hendricks...1906

JOSHUA HENDRICKS
Established by his wife, Emma B. Hendricks
1906

BENNETT and SARA B. KING...1906

SAMUEL E. and MARY HALLE
Established by Jacques S. Halle...1906

CECELIA BORG
Dedicated by her children...1906

LYMAN G. and HATTIE BLOOMINGDALE
1906

WALTER A. SCHIFFER
Dedicated by his wife...1907

ISAAC WALLACH
Founded by provision in his will...1907

LOUIS JOSEPHTHAL
Founded by provision in his will...1907

ISABELLA ARNOLD BERNHEIMER
Dedicated by her children...1907

HEDWIG ROSENBAUM
By her husband, Sigmund D. Rosenbaum
1908

LEOPOLD LADERER,
CAROLINE LADERER and
SAMUEL L. LADERER...1908

EMILY LAZARUS
Founded by provision in the will of
Amelia B. Lazarus...1908

SIMON W. GLAZIER
Dedicated by his wife and children...1908

ISAAC S. and SARAH ERDMANN...1909

ERNEST EHRLMANN
Founded by provision in his will...1909

SOLOMON HERZOG
Founded by Edward N. Herzog...1909

ARTHUR A. HOUSMAN
Founded by provision in his will
(Two Beds)...1909

ABRAHAM B. FRANK
Dedicated by his wife...1909

LEOPOLD GUSTHAL
Dedicated by his sisters...1909

GUSTAV BERNHEIM
Dedicated by his wife and children...1909

MARY MAYER
Founded by David Mayer...1910

THERESE JOSEPHTHAL
Founded by provision in her will...1910

EDWARD A. and BERTHA R. PRICE
Founded by Julie Price Erdman...1910

DR. JOSEPH SCHNETTER
Founded by provision in his will
(Three Beds)...1910

BERTHA HORN
Founded by provision in the will of
Michael Horn...1910

REV. DR. GUSTAVE GOTTHEIL
Rabbi, Temple Emanu-El...1873-1899
Founded by Paul Gottheil...1910

DR. HERMAN BAERWALD
Founded by Paul Baerwald...1910

VALENTINE and FANNY LOEWI
Dedicated by the family...1911

EDNA SAKS LEVY
Dedicated by Mr. and Mrs. Andrew Saks
1911

EMMA ROSENWALD
Founded by provision in her will...1911

HENRY ROSENWALD
Founded by Mrs. Henry Rosenwald...1911

ALLEN L. MORDECAI
and KATE MORDECAI
Dedicated by their children...1911

ALEXANDER L. KAUFMANN
Founded by provision in his will...1911

JULIUS EHRMANN

Founded by provision in the will of
Mathilda Ehrmann...1912

JAMES and AMELIA STRAUSS

Founded by provision in the will of their son,
Nathan F. Strauss...1912

DR. MAX HERZOG

Founded by
Mr. and Mrs. Abram N. Stein...1912

DR. WOLFGANG MACK...1808-1883

Founded by provision in the will of
Jacob W. Mack...1912

JACOB WOLFGANG MACK 1845-1912
Dedicated by Jennie and Ella Heyman...1912

LUISE MACK...1808-1887

Founded by provision in the will of
Jacob W. Mack...1912

MATHILDA EHRMANN

Founded by provision in her will...1912

FLORENCE HENRIETTA WALTER

Dedicated by Miss Rosie Bernheimer...1913

MARCUS and BERTHA GOLDMAN...1913

LEWIS S. LEVY

Founded by provision in his will...1914

MARY LEVY

Founded by provision in the will of
Lewis S. Levy...1914

JULIUS and FANNY ROBERTSON

Founded by provision in his will...1915

MAURICE and MATHILDE SELIGMANN

Dedicated by
George and Arthur Seligmann...1915

ERWIN BEIT VON SPEYER

Founded by his uncle, James Speyer...1915

MAX and NINA HERZOG

Dedicated by their daughter,
Bella H. Kaufmann...1915

SAMUEL and HELENE PRINCE

Dedicated by their children...1915

LEONARD S. PRINCE

Dedicated by his father and mother
December 23, 1915

MADGE N. HAAS...1915

DAVID, GUSTAVE B. and
CHARLES CALMAN

Founded by provision in the will of
Emma Calman...1915

TILLIE HOCHSCHILD...1916

MRS. SAMUEL H. SPINGARN

Established by provision in the will of
Samuel H. Spingarn...1916

SAMUEL H. SPINGARN

Established by provision in his will...1916

HENRIETTA BONDY

Founded by her son, Emil C. Bondy...1916

JACOB and ROSINA ERDMANN

Founded by Albert J. Erdmann...1916

CHARLES BONDY

Founded by his son, Emil C. Bondy...1916

KARL SCHWABACH

Founded by his uncle, James Speyer...1917

HENRY and ROSALIE KLINGENSTEIN

Dedicated by their son,
Charles Klingenstein...1917

JOSEPHINE and DAVID SALZER

Dedicated by Leopold Salzer...1917

MRS. ISAAC WALLACH

Founded by provision in her will...1917

JOHANNA and ROSALIE MOSES

Dedicated by their sister,
Julia R. Ballerstein...1917

BERNHARD STERN

Dedicated by his brother, Benjamin Stern
1917

AMELIA HEIDELBERG

Dedicated by Isaac N. Heidelberg...1917

RACHEL H. PFEIFFER

Founded by provision in her will...1917

BELLE GLAZIER BERNHEIMER

Founded by provision in her will...1917

CHARLES E. SCHAFER

Established by his wife...1917

Established by
MR. and MRS. PHILIP J. GOODHART
1918

THERESA and JOSEPH FOX...1918

LOUISE and LEOPOLD SALZER
Dedicated by their children
(Two Beds)...1918

JOSHUA ROTHBLATT
Dedicated by his parents,
Bernard and Ida Rothblatt...1919

In Celebration of the Ninetieth Birthday of
MAX NATHAN...April 15, 1919
Presented by his daughter, Irma N. Straus

MEYER H. LEHMAN
Dedicated by his sisters, Mrs. Harriet Weil
and Mrs. Bertha Rosenheim...1919

JULIUS LEWISOHN
London, England
Dedicated by his son...1919

WILLIAM KLINGENSTEIN
of London, England
Dedicated by his nephew,
Charles Klingenstein...1919

EMMA and ALBERT KASKEL
Founded by provision in the will of
Emma H. Kaskel...1919

MAYER LEHMAN and BABETTE LEHMAN
Dedicated (Two Beds)...1919

Dedicated to
THE CLARA DE HIRSCH HOME
By Dr. Josephine Walter...1919

LOUIS M. SONNENBERG
Founded by provision in his will...1919

ALAN HARRY SIMON
Dedicated by
Mr. and Mrs. Harry G. Simon...1919

FERDINAND A. STRAUS
Dedicated by his son, Lionel F. Straus...1919

HENRY BENDHEIM
Dedicated by his brother,
Adolph D. Bendheim...1919

LEVI BAMBERGER
Founded by Albert and Clara Blum...1919

THE FORMER TENANTS OF
JOHN D. WENDEL
Three beds dedicated by
G. G. R. Wendel...1919

SARA SONNENBERG BECK
Dedicated by Martin Beck...1919

ARON WEIL
Dedicated by his wife, Dora Weil...1919

Dedicated by
Mr. and Mrs. HENRY BUDGE...1920

VITUS and FANNY LAMBERT
Dedicated by their son,
August V. Lambert...1920

OSCAR M. LEISER
Founded by provision in his will...1920

EDITH STINE SCHIFFER
Founded by her husband, Jack W. Schiffer
1920

MAYER and BABETTE LEHMAN
Dedicated by
Mr. and Mrs. Morris Fatman...1920

ALPHONS LEWIS
Founded by provision in his will...1920

DAVID LEHMAN
Dedicated by his sisters, Mrs. Harriet Weil
and Mrs. Bertha Rosenheim...1920

MATILDA OLLENDORFF
Dedicated by her husband...1920

MARJORIE WALTER GOODHART
Founded by Miss Rosie Bernheimer...1920

In Celebration of the Seventy-fifth Birthday of
FRANCES M. FECHHEIMER
September 4, 1920
Dedicated by her son, Sam M. Fechheimer

MAX J. BREITENBACH
Dedicated by his wife and children...1920

AARON and JOHANNA FATMAN
Dedicated by
Mr. and Mrs. Morris Fatman...1920

ALINE BERNHEIM

Founded by her sons,
George B. and Alfred L. Bernheim...1921

ELLIN PRINCE SPEYER

Founded by her husband, James Speyer
1921

ARNOLD and FANNIE FALK

Dedicated by Myron S. Falk
and K. George Falk...1921

ROSALIE, FANNIE, CHARLES, SIMON
and JOSEPH LEDERER

Founded by provision in the will of
Charlotte Lederer...1921

SAMUEL and BELLA HAAS

Founded by Mrs. Dudley D. Sicher...1921

HENRY and HANNA HERRMANN

Dedicated by their son,
Frederick Herrmann...1921

JACOB L. and SOPHIE KOPS

Dedicated by their children...1921

ESTHER WYMAN

Founded by provision in her will...1921

SYDNEY MICHAEL HYMAN,

Dedicated by his parents,
Michael and Rose Hyman...1921

CLARA GLAZIER

Founded by provision in her will...1922

CARRIE RAPP and SAMUEL RAPP

Founded by provision in the will of
Samuel Rapp...1922

DAVID JAMES KING and

ADELAIDE BALLIN KING
Dedicated by their daughter,
Louise King Reckford...1922

CAROLINE BOOKMAN

Founded by provision in her will...1922

DOROTHEA HAAS WEILER

Founded by provision in the will of her son,
Charles H. Weiler...1923

MARKS WEILER

Founded by provision in the will of his son,
Charles H. Weiler...1923

JACOB H. SEMEL

Founded by provision in his will...1923

MORRIS S. BARNET and ALVINA BARNET

Dedicated by Morris S. Barnet
(Two Beds)

Dedicated by

ADDIE W. KAHN...1923

WALTER J. ROSE

Dedicated by his mother...1924

GABRIEL MAYER, ANTOINETTE MAYER,

OTTO L. MAYER

Founded by provision in the will of
Otto L. Mayer...1924

Established by

ABRAHAM ERLANGER...1924

Founded by

CHARLES HENDRICKS...1924

ELLA HELLMAN

Founded by provision in her will...1924

SOLOMON C. GUGGENHEIMER

March 24th, 1924

JACOB WERTHEIM

Dedicated by his wife,
Emma Stern Wertheim...1925

LOUIS S. FRANKENHEIMER

Dedicated by
Ida and Rose Frankenhimer...1925

PAULINE MAYERS

Established by her husband, Morris Mayers
1925

ELKAN and BERTHA NAUMBURG

Dedicated by their son,
Walter W. Naumburg...1926

SIEGFRIED W. MAYER

Founded by provision in his will...1926

SAMUEL BAUMANN

Dedicated by his wife,
Henrietta Baumann...1926

HENRIETTA RAWITSER

Dedicated by her daughter,
Theresa V. Rawitscher...1926

MORRIS ROSSIN

Dedicated by his wife, Martha S. Rossin
1927

LEWIS SCHOOLHOUSE

Established by Joseph Runnheim...1927

Dedicated to their friends

GEORGE and FLORENCE BLUMENTHAL

By Edmond and Suzanne King Bruwaert
1927

SAMUEL J. and ESTHER GANS

Dedicated by their son, Simeon C. Gans
1927

Established by

MR. and MRS. ALBERT E. GOODHART
1927

ARTHUR E. FRANK...1927

JACOB HIRSH

Dedicated by his wife, Julia Hirsh...1927

SOLOMON FRIEDMAN and
AMELIA G. FRIEDMAN...1928

SAMUEL BACHRACH and
BABETTE BACHRACH...1928

RICHARD M. HOMBERG

Founded by provision in the will of
Florence N. Homberger...1928

ISAAC N. HEIDELBERG

Dedicated by his daughters...1928

WILLIAM VOGEL

Dedicated by his sons, Harry William and
Bernard William Vogel...1928

HERMAN RAWITSER

Dedicated by his wife,
Theresa V. Rawitser...1929

AL and MINNIE HAYMAN

Founded by provision in the will of
Minnie Hayman (Two Beds)...1929

ADA HEIDELBERG STRAUSS

Dedicated by her husband,
Seymour A. Strauss...1929

REBECCA FRIEDLANDER

Founded by provision in her will...1929

HEINEMANN and ROSA VOGELSTEIN

Dedicated by their children...1929

MAYER MAYER and FANNY MAYER

Dedicated by Bernhard Mayer...1929

MARY SMALL EINSTEIN

Dedicated by her husband, I. D. Einstein
1930

HENRY STERN and MATHILDA STERN

Dedicated by their son, Meyer Stern...1930

SELINA E. SUMMERFIELD

Founded by provision in her will...1931

LUCY HERZFELD

Dedicated by Felix and Ida Herzfeld...1932

RICHARD and
MATILDA SIDENBERG...1932

HENRY BLOCK

Bequest of Alice A. Kohler...1932

FRED H. GREENEBAUM

Founded by provision in his will...1933

JULIA HIRSH

Dedicated by her children (Two Beds)
1933

HEYMAN and MARTHA PINCUS

Founded by provision in the will of
Martha Pincus...1933

ADOLPH, CHARLOTTE and

MARY ARBER

Founded by provision in the will of
Adolph Arber...1933

LUDWIG and REBECCA DREYFUSS

Founded by provision in the will of
Ludwig Dreyfuss (Two Beds)...1934

WILLIAM HYAMS

and EMMA HYAMS...1935

SARAH KING...1935

MYRON GOLDSMITH FRIEDENHEIT

(1898-1936)
Dedicated by his parents...1936

ELIZABETH P. HEWES
Founded by provision in her will...1936

ABRAM L. LOWENSTEIN...1936

LIONEL F. STRAUS
Dedicated by his wife, May H. Straus
(Two Beds)...1937

NATHAN and ELLA NECARSULMER
Bequeathed by their daughter,
Helena Necarsulmer...1937

RALPH J. JACOBS
Founded by provision in his will...1937

VIRGINIA GUINZBURG KLEINERT
1937

ELLEN IDA CARDOZO
Provided in the will of
Benjamin N. Cardozo...1938

ADOLPH F. HOCHSTADTER and
ROSA H. HOCHSTADTER
Established by their son,
Edwin A. Hochstadter (Two Beds)...194

THERESA
Dedicated by her mother,
Theresa V. Rawitser...1941

BERNARD J. OETTINGER and
SERAPHINE OETTINGER
Dedicated by their children...1941

BERTHOLD and ANNA LEVI
Dedicated by their children...1941

IGNATZ and JULIA GOSSMAN UNZ
Dedicated by their son, Frederick T. Unz
(Two Beds)...1942

FRANK WALLACH
Founded by provision in his will...1942

IDA MAY WALLACH
Provided in the will of Frank Wallach
1942

Dedicated by
EDWIN A. HOCHSTADTER...1942

MAX J. and JENNIE M. BREITENBACH
1942

BELDEN ROACH
1942

EDWARD and ELIZA DAVIS
Established by the Davis Family...1943

JOSEPH HONIG
Founded by Louise H. Manley...1943

JACOB JACOBS and CORRINA JACOBS
Founded by their daughter,
Constance Marks...1943

FRANCIS MARION MARKS
and his wife, CONSTANCE MARKS...1943

SAMUEL J. ROSE
Provided in the will of
Sittah R. Rose...1944

ABRAHAM MORRIS
Founded by provision in the will of
Cornelia B. Morris...1944

ROSALIE MORRIS
Founded by provision in the will of
Cornelia B. Morris...1944

EDWARD and JULIA MORRIS
Founded by provision in the will of
Cornelia B. Morris...1944

JOSEPH and ELIZABETH FREEDMAN
and ISABELLA FREEDMAN
Established by
Daniel B. Freedman...1945

BECK J. GOLDSMITH
Founded by her niece,
Merle S. Haas...1945

LOUIS and IDA C. FRIEDLANDER
Founded by
Ida C. Friedlander...1945

DAVID W. and SARAH DAZIAN
HENRY W. and ADA A. DAZIAN
Founded in the will of
Henry W. Dazian...1945

BLANCHE MAMLOK
Provided in the will of
Dora Kleinberger...1946

HERBERT J. KAUFMANN

Dedicated by his parents

Herbert M. and Lillie H. Kaufmann...1946

Our Daughter

ROSALIND

Given by

Sylvia and Jacob Gray...1946

MARVIN E. KLEINBERGER

Provided in the will of

Dora Kleinberger...1946

MINNA LE VINO and
ALEXANDER M. LE VINO

Provided in the Will of Selma Le Vino...1947

LOUIS ADELS

1947

CARL W. STERN

Established by His Brothers...1947

ARTHUR C. MENDELSON

Dedicated by his brother,
Louis Mendelsohn...1947

DESSIE GREER

1948

Established by

LEONORA JACOBS...1948

MORRIS and CELIA

MEISELMAN...1949

JACOB-CLARA KLINGENSTEIN Bed

1949

IDA ROTHBLATT...1950

DAVID E. SIMON

By Rosa G. Simon...1950

DORA GROSS

By Rosa G. Simon...1950

In Memory of

his brother-in-law, LOUIS SCHIELE

Born May 22, 1862—Died September 16, 1934

and his sister, ESTELLA B. SCHIELE

Born February 26, 1869—Died December
22, 1933

Founded by provision in the will of
SIMON C. BERNSTEIN

1950

In Memory of

his wife, BELLE L. BERNSTEIN

Born December 30, 1879—Died August
30, 1948

and himself, SIMON C. BERNSTEIN

Born December 8, 1870—Died November
2, 1950

Founded by provision in the will of
SIMON C. BERNSTEIN

1950

His Dearly Beloved Parents

By

NATHAN HEIMS...1950

EPHRAIM FRANK GOLDMAN

and

TOBY THERESA GOLDMAN...1951

Founded by

MRS. BELLE LAURITSEN...1951

ISABEL McHARRY, R.N.

Established by

MRS. JOSEPHINE A. CAVE...1951

MORTON H. MEINHARD

Established by

CARRIE WORMSER MEINHARD...1951

LEOPOLD and TILLIE WORMSER

Established by

CARRIE WORMSER MEINHARD...1951

SAMUEL, AMALIA and HATTIE
SACHS

Provided in the will of

HATTIE SACHS

(Two Beds)...1951

ALFRED and GUSSIE N. STECKLER

Provided in the will of

Gussie N. Steckler...1952

PERPETUAL BEDS — CHILDREN'S PAVILION

IN MEMORY OF:

HENRY L. EINSTEIN
Founded by Cecelia Einstein...1922

SOL H. KOHN
Dedicated by Lillie V. Kohn...1922

BENJAMIN MORDECAI...1922

NELLIE M. RICE
(Two Beds)...1922

ROBERT REIS
Dedicated by Sarah Reis...1922

CARRIE WORMSER
Founded by provision in the will of her
daughter, Julia Seligman (4 Beds)...1922

CONSTANCE DAVIS MORDECAI
Founded by Benjamin Mordecai
(Two Beds)...1923

Dedicated by
DR. A. V. MOSCHCOWITZ
To commemorate the marriage of his daughter,
Frances Ethel Frowenfeld...1923

JOSEPH and BABET SEMEL
Founded by provision in the will of
Mrs. George Heyman...1924

GEORGE and HANNAH HEYMAN
Founded by provision in the will of
Hannah Heyman...1924

Established by
CECELIA EINSTEIN...1924

WILLIAM FRANKENHEIMER
Dedicated by
Ida and Rose Frankenheimer...1925

ABRAHAM LEIPZIG
Founded by provision in his will...1925

ADOLPH FRANK HOCHSTADTER
Established by Rosa Hayman Hochstadter
1926

ROSA HAYMAN HOCHSTADTER
Founded by provision in her will...1926

SOLOMON and AMALIA BONDY
Founded by provision in the will of
Maurice S. Bondy...1926

BABETTE ROTHSCHILD
Dedicated by her daughter, Ida R. Cullman
1926

MARX ROTHSCHILD
Dedicated by his daughter, Ida R. Cullman
1926

CHARLES and MARY WEISBERGER
1926

AARON BACHRACH and
JENNIE BACHRACH...1927

MARCUS LOEW
Dedicated by Caroline Loew...1928

PETER F. MEYER
Founded by provision in his will
(Five Beds)...1929

SAMUEL and
HATTIE BINSWANGER...1929

ADELAIDE F. PFEIFFER
Founded by provision in her will...1929

BERNARD ULMANN
Dedicated by his brother, Ludwig Ulmann
1930

AGNES C. RICE
Founded by provision in her will...1930

LAURA ROSSMAN
Dedicated by will of Selma Rossman...1932

ROBERT ROSSMAN
Dedicated by will of Selma Rossman...1932

SIMON and LUCY DRUKKER
Dedicated by the will of their daughter,
Jeannette D. Beaumont...1933

ELIAS KEMPNER
Founded by provision in his will...1933

LOUIS B. G. GARLAND
Dedicated by his parents,
Edward S. Garland and
Lillian B. Garland...1933

SAMUEL and ISABELLA KRITZMAN
Founded by provision in the will of
Isabella Kritzman (Five Beds)...1935

HERMAN LOEVY
Dedicated by Edwin F. Young
(Two Beds)...1936

FRANCES CLAYTON MOSES
Dedicated by her aunt,
Catherine Sampson...1936

LENA KEMP
Founded by provision in her will...1937

CELIA and SOLOMON OPPENHEIMER
Founded by provision in the will of
Solomon Oppenheimer...1938

LOUISE RENSKORF
Provided in the will of her mother,
Millie H. Renskorf...1938

AL HAYMAN and MINNIE HAYMAN
Established by their nephew,
Edwin A. Hochstadter
(Two Beds)...1941

JULIAN and SARAH F. NATHAN and
AARON Z. and REBECCA FRIEDMAN
Provided in the will of Julian Nathan...1941

Dedicated by
EDWIN A. HOCHSTADTER...1942

IGNATZ and JULIA GOSSMAN UNZ
Dedicated by their son, Frederick T. Unz
(Two Beds)...1942

GUSTAVE and SARAH BASCH
Founded by provision in the will of
Sarah Basch...1944

FLEURETTE and CORNELIA MORRIS
Founded by provision in the will of
Cornelia B. Morris...1944

GERTRUDE and RALPH PLATZEK
Provided in the will of their mother,
Sarah Platzek...1945

TAUBE KATZ
Dedicated by her children
1945

Established by
MYRON S. FALK...1945

DR. NICHOLAS SACHS and
ROSA MANDELSTAM SACHS
Provided in the will of
Eugenia N. Sachs Dreyer...1946

DORA KLEINBERGER
Founded by
Provision in her will
1946

MINNIE KASTOR
By her Husband Adolph Kastor
As a Token of Their Love for Their Children
1946

ANNETTE FLORANCE NATHAN
Provided in the Wills of
Frederick and Maud Nathan...1947

DR. LUDWIG M. MICHAELIS
DR. ALFRED M. MICHAELIS
Provided in the will of Jeannette Michaelis
(Two Beds)...1948

ISAAC BRILL and NELLIE BRILL
(Two Beds)
Provided in the will of
Isaac Brill...1949

CARRIE LOEW MINZESHEIMER...1949

ABRAHAM, GRACE and
JEANETTE AHRENS
Provided in the will of
Esther Tallerman...1950

MRS. HEDWIG STEINER
Established by her son
Julius Steiner...1952

His Wife EDNA S. LEEDS
Established by
Jules C. Leeds...1952

MEMORIAL BEDS

IN MEMORY OF:

EMANUEL DE CASTRO

Dedicated by Margaret D. Plant...1902

JOSEPH E. HEIMERDINGER

Dedicated by his brother and sisters...1904

SAMUEL R. and JANE JACOBS

Dedicated by their children...1904

BABETTA ADELSBERGER

Dedicated by her daughter,
Mrs. Emanuel M. Gattle...1905

SAMUEL ADELSBERGER

Dedicated by his daughter,
Mrs. Emanuel M. Gattle...1905

ISAAC A. and SARAH J. SINGER

Dedicated by a son...1906

MAX REUTLINGER

Dedicated by
Mr. and Mrs. Emanuel Reutlinger...1908

CHARLES MAYER

Founded by Max W. Mayer, January 18, 1909

SIGMUND NEUSTADT

Dedicated by Mrs. Agnes Neustadt...1909

EDWARD I. LOEWENSTEIN

Dedicated by Max Loewenstein...1912

SELIGMAN and THERESE OPPENHEIMER

Dedicated by their children...1913

MICHAELIS H. ZIEGEL

Founded by his son, H. F. L. Ziegel...1913

FANNIE MANDELBAUM and

MAX MANDELBAUM

Dedicated by Bella Del Monte...1914

HENRY LIEBMANN

Dedicated by his wife, Emma Liebmann
1915

PAULINE, JACOB and

EDWARD S. BAMBERGER...1915

EDWARD C. HEYMANN

Dedicated by his parents,
Chas. E. and Helen R. Heymann...1915

RICHARD LIMBURG

Dedicated by Mrs. Clara L. Limburg...1916

FREDERICK JACOBI

Established by Flora and Frederick Jacobi
1916

MAYER and YETTE KATZENBERG

Dedicated by their children...1916

RACHEL KAUFMANN

Dedicated by her husband,
Gustav Kaufmann...1918

MR. and MRS. EMANUEL S. KUH

Dedicated by their daughter,
Nellie Kuh...1918

NATHAN COHEN

Founded by his parents,
Mr. and Mrs. Isaac Cohen...1921

ALFRED FRANK

Dedicated by his brothers and sisters...1923

GEORGE and ROSE EPSTEIN and
THEIR SON, DAVID...1927

MORRIS WOITITZ and

FRANCES S. WOITITZ...1937

LEVI and SARAH GOLDENBERG

Founded by their daughter,
Helen B. Chaim...1938

AARON and AMY H. COLEMAN
By their daughters, Constance Coleman and
Janet C. Dillenberg...1940

EVELYN TANENBAUM
Provided in the will of Moses Tanenbaum
1940

LOUIS and HEINRICH STEINER
Founded by Hedwig and Julius Steiner
1942

FELIX C. GOTTSCHALK
Dedicated by his wife,
Frances J. Gottschalk...1943

EDWIN H. TUSKA
Founded in the will of Maud Tuska...1943

THE DOLLY GLASSCHEIB MEMORIAL
BEDS
Dedicated to the memory of his beloved wife
By
Arnold Glasscheib (Two Beds)...1944

MICHAEL and JENNY M. KALISKY
Founded by their son,
Joseph Kalisky...1945

DR. MAX PORGES
Born, Marienbad, March 2, 1866
Died, New York, January 8, 1947

Established by
BRIGHTSIDE DAY NURSERY and
KINDERGARTEN
CANNON STREET HEALTH
CENTER...1949

CLARENCE S. NATHAN
Provided in the will of
Esther Solis Nathan...1950

LOUIS V. FREUND
Founded in the will of
Natalie Freund Owens...1950

JEROME DAVID
Provided in the will of
Jeanette David...1951

GRACE and EDITH SCHNEIDER
1952

Established by
HORACE W. GOLDSMITH
1952

LIFE BEDS

Founded by
MRS. DEWITT J. SELIGMAN...1882

Founded by
ETHEL F. SELIGMAN
Daughter of
Mr. and Mrs. DeWitt J. Seligman...1897

Dedicated to
ELSIE NATHAN...1902

THE MAY S. HARLOW (née STERN)
LIFE BED
Founded by her, April 28, 1904

THE LUCILE M. S. VAN HEUKELOM
LIFE BED
Founded November 24, 1904

THE HELEN FOX LIFE BED
Founded by
Henry Morgenthau, April 7, 1906

Founded by
A FRIEND...1907

In Memory of
JOSEPH DANNENBERG
of Macon, Georgia

THE DR. MANGES LIFE BED
Founded by
A Friend of the Hospital...1912

In Memory of
FANNIE BEHRENS WOLFE and
SOLOMON BAIRD WOLFE, M.D.

In Memory of
MAX WEIL
Dedicated by his wife and son
September 14, 1914

In Memory of
ISIDORE JACKSON
Dedicated by his wife and son
September 14, 1914

In Memory of
LEONARD M.
Dedicated by his parents,
Alexander and Rose M. Joseph...1920

In Memory of
MORRIS GOLDSTEIN and
PAULINE GOLDSTEIN
Established by their children...1921

Established by
FRANCOIS KLEINBERGER...1921

In Memory of
BENJAMIN EHRLICH
Established by his wife,
Fannie Ehrlich...1929

In Memory of
JULIUS KAUFMANN
Established by his wife,
Emma H. Kaufmann...1930

Founded by
PAULINE F. BAERWALD
March 26, 1931

Dedicated to Humanity by
SOLOMON and DORA SHAPIRO
(Née Monness)...1932

In Memory of
CLARA L. LIMBURG
Dedicated by her children...1935

Dedicated to Humanity by
IRWIN and FAY AVRICK...1944

Dedicated to Humanity by
MEYER and GERTRUDE COHEN...1944

ANNA C. LOOCKERMAN
1946

In Memory of
MILTON L. FRANK
Dedicated by his sisters
Netta L. and Aline S. Frank...1946

In Memory of
FLORENCE B. SOHN and
DR. DAVID L. SOHN
Dedicated by Husband and Brother
Dr. Maxwell M. Sohn...1947

Established by
JULES C. and EDNA S. LEEDS....1948

In Memory of
JACOB and PAULINE
BRAUNSTEIN
1949

In Memory of
CAROLYN BARBARA W. BLUM
Established by her Sons
KENNETH R. BLUM and
ROBERT M. BLUM
and Her Husband
RICHARD J. BLUM...1950

In Loving Memory of
CURT MICHAELIS
1892-1950
Established by His Wife
BEATRICE Y. MICHAELIS

In Memory of
LESTER M. NIGHTINGALE...1951

Established by
ERNST ROTH
September 23, 1952
In Thankfulness to This Country

FORM OF BEQUEST

I give and bequeath to
The Mount Sinai Hospital
of the City of New York,
incorporated in 1852,

the sum of

to be used for

LEGACIES AND BEQUESTS

1854

JUDAH TOURO \$20,000.00

1867-1869

JACOB ABRAHAMS 5,000.00
JOSEPH FATMAN 10,000.00
BENJAMIN NATHAN 10,000.00

1872-1879

DR. S. ABRAHAMS (1872-1873) 14,020.00
LEWIS PHILIPS 11,711.51
MICHAEL REESE 25,000.00

1882-1889

SIMEON ABRAHAMS 10,980.00
MISS SARAH BURR (1886-1893) 54,900.00
MRS. JUDITH EINSTEIN 5,000.00
JULIUS HALLGARTEN 10,000.00
HENRY HERRMAN 5,000.00
ISAAC HOECHSTER 5,000.00
WILLIAM MEYER (1889-1891) 12,252.34

1891-1897

ADOLPH BERNHEIMER 5,000.00
DANIEL B. FAYERWEATHER
(1891-1897) 9,933.03
ABRAHAM KUHN 5,000.00
MAYER LEHMAN 17,958.00
JOSEPH ROSENBERG (1893-1926) 9,995.54

1902-1904

JULIUS BEER 10,000.00
JACOB F. CULLMAN 10,000.00
ANDREW J. GARVEY (1902-1949) 16,148.33
SOLOMON LOEB 10,000.00
ADOLPH OPENHYM 5,000.00

1905-1908

MEYER GUGGENHEIM 20,000.00
AMELIA B. LAZARUS (1908-1909) 29,995.76
MARX W. MENDEL 16,044.10
SALOMON ROTHFELD 5,000.00
SIMON ROTHSCHILD 50,000.00
FREDERICK UHLMANN 5,000.00
EMANUEL WALTER 7,500.00
MATHILDE C. WEIL (1906-1907) 12,144.99

1910-1914

JOHN J. CLANCY (1913-1914) 25,000.00
EMANUEL EINSTEIN 9,525.00
MARGARET J. P. GRAVES 10,000.00

BENJAMIN GUGGENHEIM 10,000.00
MARTIN HERMAN 5,000.00
NATHAN HERMANN 5,000.00
ADOLPH KERES 5,000.00
LEWIS S. LEVY (1914-1916) 16,343.74
SAMUEL LILIENTHAL 14,762.08
CHARLES RUBENS 5,695.00
ANDREW SAKS 5,000.00
WILLIAM SCHOLLE 10,000.00
ROSA SCHREIBER 6,267.74
JACOB SMALL (1912-1929) 14,864.30
JOHN STEMME 5,000.00
LUDWIG STETTHEIMER
(1910-1913) 24,748.39
ERNST THALMANN 10,000.00
CHARLES E. TILFORD
(1911-1945) 152,513.38
MOSES WEINMAN 5,000.00

1915-1919

BENJAMIN BLUMENTHAL 15,000.00
EMIL BONDY 10,000.00
HENRY J. DUVEEN 5,000.00
ANDREW FREEDMAN 5,000.00
KALMAN HAAS 10,000.00
J. S. HALLE 5,000.00
JACOB LANGELOTH 5,000.00
AMELIA LAVANBURG (1916-1917) 10,175.84
MEYER H. LEHMAN 25,000.00
MOSES LOWENSTEIN 5,000.00
CONSTANT MAYER 13,948.09
MARGARET OLIVIA SAGE
(1919-1921) 100,000.00
RACHEL H. PFEIFFER 15,000.00
ESTHER SCHLESINGER (1915-1951) 22,912.42
DAVID E. SICHER 10,000.00
HERMAN N. WALTER 5,000.00
SOLOMON WOLF (1916-1917) 11,860.18

1920-1924

MORRIS S. BARNET 35,000.00
ADOLPH D. BENDHEIM 5,000.00
MARY HELEN FINCH 5,000.00
JOSEPH FRANK 447,374.70
BARUCH KAUFMAN 14,250.00
JULIUS KAYSER 10,000.00
ELEANOR VON KOPPENFELS 25,000.00
BABETTE LEHMAN 5,000.00
JACOB ROSSBACH 5,000.00
WILLIAM SALOMON 10,000.00
ISAAC N. SELIGMAN 5,000.00

JULIA SELIGMAN (1922-1936)	12,682.29
PEARL WEINMAN	7,065.85

1925-1929

CHARLES ALTSCHUL	7,500.00
ISAAC J. BERNHEIM	5,000.00
EMMA BLUMENBERG, <i>in memory of her brothers, MARC A. and LOUIS BLUMENBERG</i> (1929-1930)	12,473.66
ADOLPH BOSKOWITZ	20,000.00
MICHAEL DREICER	10,000.00
SOLOMON A. FATMAN	20,000.00
HARRIET F. HAAS	10,000.00
AL HAYMAN	25,000.00
HARMON W. HENDRICKS	10,000.00
ALEXANDER HERMAN (1927-1928)	100,000.00
MORTIMER H. HEYMAN	5,000.00
MORRIS J. HIRSCH	5,000.00
ALBERT LORSCH	5,000.00
SOPHIE W. LOW (1927-1944)	13,057.47
HARRY MAYER	5,000.00
LOTTIE ESTELLE MAYER (1927-1928)	33,461.87
EUGENE MEYER	10,000.00
ALINE MYERS	15,027.87
JONATHAN NATHAN (1926-1933)	5,130.89
MICHAEL P. RICH	20,000.00
MARMADUKE RICHARDSON	5,000.00
MORRIS ROSSIN	10,000.00
LEWIS SCHOOLHOUSE	5,000.00
EMANUEL SPIEGELBERG	5,000.00
LOUIS S. STROOCK	5,000.00
EMILY A. WATSON	24,998.20
HARRIET WEIL	5,000.00
SIMON R. WEIL (1929-1934)	156,468.28
MORRIS WEINSTEIN	5,000.00
EMIL WOLFF	29,794.12

1930-1934

LUDWIG DREYFUSS	25,000.00
WILLIAM HARTFIELD (1931-1952)	10,427.34
ALFRED M. HEINSHEIMER	5,000.00
BETSY S. KORMINSKY	5,000.00
JULIUS MARCUS	19,185.83
LOUIS MARSHALL (1931-1943)	11,754.24
ISAAC MARX	7,500.00
HARRY H. MEYER (1930-1952)	624,110.49
PAULINE MYERS	5,000.00
LOUIS C. RAEGNER	5,000.00
RUDOLPH J. SCHAEFER (1934-1937)	64,845.88
BENJAMIN STERN (1934-1937)	25,000.00
FRIEDA WIMPFHEIMER	5,000.00

1935-1938

CHARLES S. ERLANGER	5,000.00
MARCO FLEISHMAN, <i>for the ROSETTA AND MARCO FLEISHMAN MEMORIAL FUND</i> (1937-1949)	748,764.64
EDWARD J. KING, <i>for the EDWARD J. KING and JENNIE I. KING MEMORIAL FUND</i> (1936-1952)	1,750,706.90
CARRIE L. LEHMAN	10,000.00
EPHRAIM B. LEVY	5,000.00
BETTIE MEIERHOFF (1938-1950)	75,613.85
ISA NORDLINGER (1936-1937)	9,199.21
AUGUSTUS W. OPENHYM (1936-1952)	152,154.28
HENRY OLLESHEIMER (1937-1945)	10,848.16
LAWRENCE PIKE (1935-1952)	8,923.55
HARRY J. D. PLAUT	5,107.50
HENRY W. PUTNAM	50,000.00
JOSEPH RUNSHEIM (1935-1937)	17,872.25
LEAH SIMPSON (1937-1950)	5,211.33
BERTHA WEINMAN, <i>for the MOSES WEINMAN MEMORIAL FUND</i> (1935-1951)	1,490,050.17

1940-1944

FANNIE H. COX	9,377.34
SAMUEL M. FECHHEIMER (1943-1947)	10,023.44
LILLIE GUINZBURG, <i>in memory of Mr. HENRY A. GUINZBURG</i>	5,000.00
ELSA B. JACOB (1944-1946)	12,047.92
FREDERICK KEIM	5,000.00
IDA MEYER (1940-1944)	14,987.73
AMALIA F. MORSE	15,000.00
EDWARD RUBIN	5,000.00
DAVID SCHOENFELD	5,000.00
JAMES ULMANN (1940-1951)	96,402.77
FRANK WALLACH (1942-1952)	5,883.34

1945-1951

LENA S. BAYER (1951-1952)	68,789.61
LENA S. BAYER, <i>in memory of STEPHEN D. AND LENA S. BAYER</i>	60,000.00
ALBERT BENDHEIM (1946-1951)	13,568.61
HENRY L. BLUM	10,000.00
ELSA J. BRILL, <i>in memory of DR. NATHAN E. BRILL</i>	5,000.00
EDWARD BROMBERG	4,000.00
WILLIAM NELSON CROMWELL, <i>in memory of Mr. ALFRED JARETZKI</i> (1949-1951)	270,400.00

HATTIE J. DANZIGER, <i>in memory of</i> HATTIE J. DANZIGER, HENRY DANZIGER AND HENRY J. JACOBSON	3,500.00
LAURENCE DAVIES, <i>in memory of</i> MR. ANDREW M. DAVIES	5,000.00
LAURENCE DAVIES, <i>in memory of</i> CLARA M. DAVIES	5,000.00
MAX EPSTEIN	2,500.00
ALBERT ERDMAN	14,918.56
HENRY M. FLATEAU	5,000.00
ROSE FRANKENHEIMER	2,500.00
ESTHER G. FRIEDENHEIT, <i>in memory of</i> ESTHER G., ISAAC AND MYRON GOLDSMITH FRIEDENHEIT	10,000.00
MAX GLUCK	6,616.01
PAUL GUMBINER	4,054.25
MAX HORWITZ, <i>in memory of</i> MR. HUGO BLUMENTHAL	5,000.00
FRANCES C. KAHN, <i>in memory of</i> ANNIE H. KAHN, FRED HIRSCHHORN AND CHARLES HIRSHON (1948-1949)	54,582.43
MAGDALENE M. KLINGENSTEIN <i>for Maternity Pavilion</i> (1948-1951)	1,890,265.24
FREDERICK NATHAN (1949-1951)	9,917.51
DAVID E. OPPENHEIMER	5,000.00
WILLIAM OPPENHYM	8,102.21
M. WARLEY PLATZKE (1946-1949)	21,536.06

CHARLES A. RIEGELMAN	2,500.00
BERTHA ROSENHEIM	5,000.00
JULIUS RUDISCH (1946-1950)	40,952.49
MELVILLE FOREMAN SACHS	5,000.00
JACOB STRAUSS	2,500.00
UNITED HOSPITAL FUND, <i>representing a part of the Estate of</i> CARRIE VON BERNUTH FOOT (1947-1950)	18,159.53
ABRAM A. WEIGERT, <i>in memory of</i> AARON, ANNA, MORRIS AND RAY, WEIGERT, ANNE CHARIG AND MILLIE DAVIS (1951-1952)	10,000.00
JESSIE F. ZIMMERN	2,500.00

1952-

REBA A. BAUM	2,500.00
ANNA GELBERG	2,000.00
IDA HEIM, <i>in memory of</i> MR. JOSEPH HEIM	2,000.00
IDA HEIM, <i>in memory of</i> MR. LEOPOLD L. LOEB	500.00
BELLA HEINEMAN	75,000.00
LOUIS HIRSCH	8,814.74
PHILIP KAHN	100.00
DAVID KRASNOW	500.00
THEODORE OBERMEYER	8,265.39
KATE SHOTLAND	100.00
ARTHUR SILBERMANN	5,000.00
SAMUEL SIMON	3,000.00
SIGMUND WIMELBACHER	500.00

ENDOWMENTS FOR SPECIAL PURPOSES

<i>Sara Welt Memorial Fund</i>	\$1,065,000.00
Established by Dr. Sara Welt (Kakels); income to be used for the Sara Welt Clinic for Healthy Infants, the Sara Welt Fellowships in Research Medicine, and for other purposes as provided in her will.	
<i>Mr. and Mrs. Charles Klingenstein Fund</i>	185,000.00
Established by Mr. and Mrs. Charles Klingenstein; income to be used for non-budgetary purposes as determined annually by the Board of Trustees.	
<i>Emilie Voorzanger Fund</i>	149,000.00
Established by provision in the will of Emilie Voorzanger; income (and capital if advisable) to be used either for the benefit of crippled children or for medical research or for both purposes as determined by the Board of Trustees.	
<i>Benjamin Altman Fund</i>	100,000.00
Established by provision in the will of Benjamin Altman; one-half of the income to be utilized to defray expenses of the Neurological Department, the remainder for the general purposes of the institution.	
<i>Marjorie Walter Goodhart and Florence Henrietta Walter Children's Clinic Endowment</i>	100,000.00
Founded by their parents, Florence B. and William I. Walter; income to be used for the purposes of Children's Clinic.	
<i>Marjorie Walter Goodhart and Florence Henrietta Walter Memorial Fund</i>	25,000.00
Established by provision in the will of Miss Rosie Bernheimer; income to be applied towards the running expenses of the Children's Clinic.	
<i>Babette Lehman Fund</i>	100,000.00
Founded by Mrs. Babette Lehman; income to be utilized for the advancement of preventive medicine.	
<i>Louis W. Neustadter Fund</i>	100,000.00
Founded by provision in the will of Mrs. Henry Neustadter; distribution of income to be made annually on the 16th day of March, a portion to needy and indigent patients in the Hospital on that date, the remainder for the general purposes of the Hospital.	
<i>The Mount Sinai Hospital Fund for Medical Education</i>	100,000.00
Joseph F. and Zillah Cullman contributed \$25,000.00 as a nucleus of said fund; \$25,000.00 was contributed by the estate of Henry P. Goldschmidt, and \$50,000.00 was contributed by the estate of Joseph F. Cullman; the income to be used to defray expenses arising out of clinical lectures, demonstrations, and conferences, and for cognate purposes.	
<i>Josephine Home Fund</i>	66,000.00
Established by Josephine Home, Inc., income to be used for the establishment and maintenance of the Children's Guidance Clinic.	
<i>The Dr. Alfred Meyer Foundation</i>	63,000.00
Established by provision in the will of Annie Nathan Meyer; income from this fund to be used to assist internes in the hospital when they first start out in private practice.	

<i>Philip J. Goodhart Fellowship Fund</i>	55,000.00
Established by provision in the will of Hattie Lehman Goodhart \$25,000.00, by the executors of the estate of Philip J. Goodhart \$25,000.00 and by the Board of Trustees \$5,000.00; income to be used for fellowships.	
<i>Dr. Isador Abrahamson Neurological Fund</i>	50,000.00
Established by provision in the will of Stella Heidelberg Abrahamson; the income from this fund to be used for fellowships for research work and study in the field of neurology and psychiatry.	
<i>George Blumenthal, Jr., Fellowship Fund</i>	50,000.00
Founded by Mrs. Florence Blumenthal; income to be applied to the maintenance of two fellowships in pathology.	
<i>Alfred A. and Ruth M. Cook Fund</i>	50,000.00
Founded by Alfred A. and Ruth M. Cook; income to be applied to special experimental work in the Social Service Department.	
<i>Florette and Ernst Rosenfeld Foundation</i>	50,000.00
Founded by Florette and Ernst Rosenfeld; for the establishment and special support of a Department of Radium and Radiotherapy.	
<i>Maurice Wertheim Memorial Fund</i>	50,000.00
Established by his partners and a former partner in Wertheim and Company.	
<i>Maurice Wertheim Fund</i>	50,000.00
Established by provision in the will of Maurice Wertheim; income to be used and distributed in such manner as determined by the Board of Trustees.	
<i>Eugene A. Hellman Fund</i>	41,000.00
Established by provision in the will of Eugene A. Hellman; one-half of the income to be used for the investigation and study of cancer and for the care of cancer patients; the remainder to be used for the investigation of cardiac complaints and for the care of cardiac patients.	
<i>Dr. Eli Moschcowitz Fund</i>	37,000.00
Established by his friends and associates; income to be used for the support of non-budgetary educational and research projects and particularly those in which Dr. Moschcowitz has been interested during his professional association with the Hospital.	
<i>Etta C. Lorsch Memorial Fund</i>	34,370.00
Established by provision in the will of Etta C. Lorsch, \$10,000; by members of the Board of the Social Service Auxiliary, \$10,000.00; and by many of her friends, \$4,370.00; the sum of \$10,000.00 was added by provision in the will of William N. Cohen; income to be disbursed by the Social Service Auxiliary for the special country care of children.	
<i>Minnie Kastor Memorial Fund</i>	30,000.00
Founded by Alfred B. Kastor as a tribute to the memory of his parents; income to be used for psychiatric work through the service of a Fellow in psychiatry.	
<i>Charles Klingenstein Fellowship Fund</i>	25,000.00
Established by Mrs. Charles Klingenstein; income to be used for fellowship in any clinical or laboratory department of the Hospital, as determined by the Board of Trustees.	
<i>Stanley D. Kops Memorial Fellowship Fund</i>	25,000.00
Established by the Kops family; income to be used for a fellowship in any hospital field of activity as selected by the Board of Trustees.	

<i>Moritz Rosenthal Fellowship Fund</i>	25,000.00
Established by provision in the will of Moritz Rosenthal; income to be used for medical, surgical, clinical, or laboratory fellowships as granted to men selected by the Board of Trustees.	
<i>Harriet Meyer Memorial Fund</i>	25,000.00
Founded by Eugene Meyer; income to be used for experimental work in the Social Service Department.	
<i>Alice Goldschmidt Sachs Endowment Fund</i>	25,000.00
Established by provision in the will of Alice Goldschmidt Sachs; income to be used for medical education.	
<i>Ambulance Fund</i>	20,000.00
Established by Murry Guggenheim; income to be applied toward the maintenance of the ambulance service.	
<i>Emanuel Van Raalte Endowment Fund for Medical Education</i>	20,000.00
Legacy; income to be used for medical education.	
<i>Moritz Warburg Social Service Fund</i>	20,000.00
Founded by Felix M. and Paul M. Warburg; income to be applied to the work of the Social Service Department.	
<i>Robert and John Kaufmann Vacation Fund</i>	11,000.00
Founded by Max Kaufmann; income to be used for providing vacations, preferably for crippled children.	
<i>Theodor Escherich Fellowship Fund</i>	10,000.00
Founded by Edward S. Steinam; income to be applied to the maintenance of a fellowship in pathology.	
<i>Moses Heineman Fellowship Fund</i>	10,000.00
Founded by Moses Heineman; income to be applied to the maintenance of a fellowship in pathology.	
<i>Eugene Meyer, Jr., Fellowship Fund</i>	10,000.00
Founded by Eugene Meyer, Jr.; income to be applied to the maintenance of a fellowship in pathology.	
<i>Dr. Henry Koplik Fund</i>	10,000.00
Established by provision in the will of Dr. Henry Koplik; income to be disbursed by the Social Service Department and devoted solely to the care of infants and children whose parents are unable to pay ward fees.	
<i>Emil Wolff Social Service Fund</i>	10,000.00
Established by Emil Wolff; income to be applied to the work of the Social Service Department.	
<i>Edward Gamaliel Janeway Lecture Fund</i>	10,000.00
Founded by Mr. and Mrs. Edward S. Steinam; income to be utilized to bring important investigators to The Mount Sinai Hospital to present the results of their work.	
<i>James Joseph Speyer Fund</i>	10,000.00
Established by provision in the will of James Joseph Speyer; income to be used for assisting sick nurses employed at the Hospital.	
<i>William Henry Welch Lecture Fund</i>	10,000.00
Established by Dr. Emanuel Libman; income to be used to provide lectures to be named after Dr. William Henry Welch of Johns Hopkins University.	

<i>Dr. Murray H. Bass Fund</i>	9,200.00
Established by his friends and associates; income to be used for non-budgetary educational and research projects of the Pediatric Service.	
<i>Library Funds</i>	7,200.00
Dr. Abraham Jacobi Library Fund of \$5,000.00 established by the Board of Trustees to commemorate the eightieth birthday of Dr. Abraham Jacobi; income to be applied to the purchase of books for the Hospital Library. Dr. Fred S. Mandelbaum Memorial Fund of \$2,200.00 contributed by many of his friends; income to be applied to the purchase of books for the Hospital Library.	
<i>The Mount Sinai Hospital Alumni Fund</i>	7,000.00
Donation of Dr. H. F. L. Ziegel; income, and if necessary, capital, to be expended in defraying part or all of the cost of Private Pavilion rooms for members of the Associated Alumni of The Mount Sinai Hospital; the expenditures for any one case not to exceed \$200.	
<i>Charles and Camilla Altschul Fund for Nursing in Wards</i>	5,000.00
Founded by Charles and Camilla Altschul; to defray the expense of special nursing in the wards.	
<i>Isaac C. Bishop Fund</i>	5,000.00
Established by provision in the will of Morris Bishop; income to be used for the relief, care, and benefit of poor patients suffering from cancer.	
<i>Fannie C. Korn Fund</i>	5,000.00
Founded by Mrs. Fannie C. Korn—In Memory of Henry Korn; for establishing and maintaining a splint and apparatus room for the Orthopedic Service.	
<i>Dr. Bela Schick Lectureship Fund</i>	4,200.00
Established by his associates and friends; income to be used for an annual lecture on pediatrics.	
<i>Milton M and Carrie G. Silverman Fund</i>	4,000.00
Established by The Stuart Foundation, Inc.; income to be used for medical research as determined by the Board of Trustees.	
<i>Dr. S. S. Goldwater Fellowship Fund</i>	3,100.00
Established by provision in the will of Dr. S. S. Goldwater and by his friends and Mrs. S. S. Goldwater for support of a Fellowship in Hospital Administration.	
<i>Morris Littman Social Service Fund</i>	3,000.00
Established by provision in the will of Morris Littman; income to be applied to the work of the Social Service Department.	
<i>Dr. Isidore Friesner Lecture Fund</i>	2,600.00
Established by his friends; principal and income to be used to bring lecturers to the Hospital, preferably in the field of otology.	

ENDOWMENTS FOR GENERAL PURPOSES

THE JACOB NEWMAN FUND.....	\$353,000.00
THE BELLA STIEFEL FUND.....	67,000.00
THE CARRIE M. AND GUSTAV BLUMENTHAL FUND.....	35,000.00
THE GEORGE AND FLORENCE BLUMENTHAL FUND.....	30,000.00
THE PHILIP J. AND HATTIE L. GOODHART FUND.....	30,000.00
THE ELLIN P. AND JAMES SPEYER FUND.....	30,000.00
THE ISAAC AND HENRIETTA STRAUSS FUND.....	30,000.00
THE ANNIE C. AND CHARLES A. WIMPFHEIMER FUND.....	30,000.00
THE MURRY AND LEONIE GUGGENHEIM FUND.....	25,000.00
THE TILLIE S. AND ALFRED JARETZKI FUND.....	25,000.00
THE ADOLPH AND EMMA LEWISOHN FUND.....	20,000.00
THE EDWARD OPPENHEIMER FUND.....	20,000.00
THE MORTON L. ADLER FUND.....	16,000.00
THE ESTELLE AND HUGO BLUMENTHAL FUND.....	15,000.00
THE ELIAS AND LINA MEYER ASIEL FUND.....	10,000.00
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THE ROSALIE AND MAX NATHAN FUND.....	10,000.00
THE MR. AND MRS. SAM S. STEINER FUND.....	10,000.00
THE ISAAC AND VIRGINIA STERN FUND.....	10,000.00
THE ALEXANDRE AND JULIE WEILL FUND.....	10,000.00
<i>Total</i>	<u><u>\$856,000.00</u></u>

MEDICAL RESEARCH FUNDS

<i>Pauline O. Stern Research Fund</i>	\$461,000.00
Established by provision in the will of Pauline O. Stern; income (and capital if necessary) to be used for research in diseases of the nervous system and research in other diseases as approved by the Board of Trustees.	
<i>Abraham and Amelia Meyers Memorial Fund</i>	227,000.00
Established by provision in the will of Amelia Meyers; income to be used in the furtherance of medical and scientific research.	
<i>Etta C. and Arthur Lorsch Fund</i>	204,000.00
\$10,000 contributed by Etta C. and Arthur Lorsch during their lifetimes. A legacy of \$194,000.00 from the estate of Arthur Lorsch was added. Income to be devoted to laboratory research work.	
<i>Samuel M. Fechheimer Foundation for Medical Research</i>	156,000.00
Established by provision in the will of Samuel M. Fechheimer; income (and capital if necessary) to be used for medical research and education.	
<i>Frederick Housman Fund for Medical Research</i>	146,000.00
Established by provision in the will of Frederick Housman; income to be used for medical research as determined by the Board of Trustees.	
<i>S. S. Prince Research Fund</i>	100,000.00
Established by provision in the will of S. S. Prince; income to be used for research work.	
<i>Henry and Emma Rosenwald Foundation</i>	100,000.00
Established by provision in the will of Mrs. Emma Rosenwald; income to be used for research work. If such work becomes impracticable or inadvisable, the income is to be used for any other purpose designated by the Board of Trustees.	
<i>Kops Foundation for Pathological Research</i>	75,000.00
Income to be used from time to time for special work in the Pathological Department, under the direction of the Board of Trustees; preference to be given to research.	
<i>Lorsch-Sachs Endowment Fund for the Promotion of Medical Research</i>	60,000.00
Created by Josephine Lorsch, Nellie and Harry Sachs in memory of Albert Lorsch, Jenny and Sigmund Lorsch; income to be used for the study of some promising scientific problems, especially for research work bearing upon the origin and cure of cancer.	
<i>Joseph Schoenberg Fund</i>	50,000.00
Created by, and under the will of, Commodore Louis D. Beaumont; income (and capital if necessary) to be used for medical research and other related research projects.	
<i>Max Nathan Laboratory Fund</i>	30,000.00
Established by his wife and daughters; income to be used primarily towards the payment of salaries in the Laboratory Research Department.	
<i>Dr. Richard Lewisohn Cancer Research Fund</i>	25,000.00
Representing the residue of funds collected by Dr. Richard Lewisohn for the maintenance of a Cancer Research Laboratory.	

<i>William N. Cohen Research Fund</i>	25,000.00
Established by provision in the will of William N. Cohen; income to be used for research work.	
<i>Eugene Littauer Research Fund</i>	25,000.00
Founded by Eugene Littauer in memory of Nathan Littauer; income to be used for medical research work.	
<i>Elsie and Walter W. Naumburg Fund</i>	22,300.00
Established by Mr. and Mrs. Walter W. Naumburg; income to be used exclusively for chemical research at The Mount Sinai Hospital.	
<i>Elias Asiel Research Fund</i>	21,000.00
Founded by Irma A. Bloomingdale and Nelson I. Asiel; income of which is to be applied to the payment of salaries or fellowships in the research work of the Pathological Department.	
<i>Jennie M. Breitenbach Fund</i>	20,000.00
Established by provision in the will of Jennie M. Breitenbach; income to be used for research work.	
<i>Eugene Strauss Endowment Fund for Medical Research</i>	20,000.00
Established by provision in the will of Charles Strauss; income to be used for medical research.	
<i>Lester and Corinne Hofheimer Research Fund</i>	15,000.00
Established under the will of Lester Hofheimer; to be used for cancer or other research.	
<i>Morris J. and Carrie Hirsch Fund</i>	12,500.00
Established by Walter A. and Steven J. Hirsch in memory of their parents, \$10,000.00; and donation, \$2,500.00, from Mr. and Mrs. Steven J. Hirsch in memory of Walter A. Hirsch; income to be devoted to work in connection with the study of cancer.	
<i>Rosie Bernheimer Memorial Fund</i>	10,000.00
Established by provision in the will of Miss Rosie Bernheimer; income to be used for clinical research work.	
<i>Morris Fatman Medical Research Fund</i>	10,000.00
Founded by Morris Fatman in memory of Solomon A. Fatman.	
<i>Joel E. Hyams Fund</i>	10,000.00
Established by provision in the will of Rosalie Hyams; income to be devoted to research work in cancer.	
<i>Joseph and Rosa Liebmman Fund</i>	10,000.00
Established by Sadie Liebmman Steiner as a tribute to the memory of her parents; income to be used for medical research.	
<i>William J. H. Steiner Fund</i>	10,000.00
Founded by his father, Samuel S. Steiner; income to be used for medical research.	
<i>Virginia I. Stern Fund</i>	10,000.00
Legacy; income to be used for medical research work.	
<i>Herman Younker Fund for Clinical and Pathological Research</i>	10,000.00
Established by Mrs. Herman Younker; income to be used exclusively for clinical and pathological research.	
<i>Leo L. Doblin Endowment Fund for Research Work</i>	10,000.00
Legacy; income to be used solely for research work in the Pathological Laboratory.	

<i>Arthur E. Frank Medical Research Fund</i>	7,500.00
Established by provision in the will of, and in memory of, Arthur E. Frank; the income from this fund is to be devoted to laboratory research work, preferably in connection with the study and cure of cancer.	
<i>Florentine S. Sutro Research Fund</i>	5,000.00
Legacy; income to be used for research work.	
<i>Dr. Louis Fischer Fund</i>	4,000.00
Established by provision in the will of Dr. Louis Fischer; principal and income to be used for research in pediatrics.	
<i>Dr. Benjamin B. Eichner Eye Research Fund</i>	3,000.00
Established by provision in the will of Dr. Benjamin B. Eichner—In memory of his beloved parents, Joseph Herman Eichner and Hannah Eichner; principal and income to be used for research in eye pathology.	
<i>Total</i>	<u>\$1,894,300.00</u>

SPECIAL FUNDS OF THE MOUNT SINAI HOSPITAL SCHOOL OF NURSING

Murry Guggenheim Scholarship Fund

Established by Murry Guggenheim to provide (a) six scholarships, each in the amount of \$100.00 to be awarded to entering students beginning with the class entering in February 1950; the selection to be based on the financial need for assistance of applicants, evidence of ability to meet the qualifications of a professional nurse and scholarship standing in the school attended by such applicant prior to application; (b) 12 medals in the form adopted by the Board of Directors of the School to be awarded to 12 students beginning with the class graduating in February 1950, who have shown exceptional ability during their attendance at the School; and (c) a graduate scholarship for the balance of the yearly income of the fund to a graduate nurse of the School applying for the same to assist the recipient in the completion of a degree program to be followed by such applicant. The award shall be made by the faculty of the School and the basis shall be evidence of eligibility for admission to a university, an existing need for special preparation for an essential field of work, proof that the individual is capable of this specified study and gives promise of competency in the position for which she is preparing.

Murry and Leonie Guggenheim Scholarship and Aid Fund

Established by the Murry and Leonie Guggenheim Foundation. The income to be used to provide (a) ten Murry and Leonie Guggenheim Scholarships in the amount of \$100 each for entering student nurses meeting the entrance requirements of the School and applying for scholarships on the basis of financial need; (b) Murry and Leonie Guggenheim Scholarships in the amount of \$50 for each student nurse upon entering the second and third years after satisfactory completion of the work of the prior year; and (c) grants in aid or loans to needy students.

Estelle and Hugo Blumenthal Scholarship and Graduation Fund

Founded by Estelle and Hugo Blumenthal to provide an annual scholarship of \$500.00 to the student in the graduating class who has shown special fitness to advance in the profession of nursing by taking courses at a College, or University, approved by the Board of Directors of the School. This fund also provides a cash award to each graduating student.

Isabella Freedman Fund

Established by Mrs. Isabella Freedman; income to be used for an award to a student in the graduating class who has shown marked ability, proficiency and interest in her work.

Carrie M. and Gustav Blumenthal Graduating Class Prize Fund

Established by provision in the will of Gustav Blumenthal; income to be distributed annually as a prize or prizes among the graduating class in such manner as the Directors of the School determine.

Berthold Levi Fund

Founded by Mrs. Berthold Levi in memory of Berthold Levi; income to be used for educational purposes.

Amy C. and Fred H. Greenebaum Fund

Established by Mr. and Mrs. Fred H. Greenebaum; income to be used for an annual award to a deserving student.

Daniel Kops Prize Fund

Founded by the employees of the House of Kops in memory of Daniel Kops. The estate of Daniel Kops also contributed to this fund. Income to provide a prize to a student nurse for excellence in bedside nursing and kindness to patients.

Carrie Untermeyer Prize Fund

Founded by Henry Untermeyer; to establish an annual award to the student in the graduating class who has the best record for kindness and proficiency in bedside nursing.

Solomon and Betty Loeb Fund

Founded by Solomon Loeb; income to be used for charitable or educational purposes.

Emil Berolzheimer Memorial Fund

Founded by Mrs. Emil Berolzheimer in memory of her husband, Emil Berolzheimer; income to be used for higher education of nurses.

Albert W. Scholle Memorial Fund

Founded by William and Frederic Scholle as a tribute to the memory of their father; income to provide a recreation and vacation fund for the student nurses of the School.

Lillie Stern Scholle Pleasure Fund

Founded by Albert W. Scholle; income to be used largely to defray the expenses of parties, dances and other social gatherings of the students.

Eugene Meyer, Jr., Library Fund

Founded by Eugene Meyer, Jr.; income to be used to supply books and magazines for the School Library.

Jacques D. Wimpfheimer Memorial Fund

Founded by Charles A. Wimpfheimer in memory of his son, Jacques D. Wimpfheimer. Any student requiring financial assistance during her course may call upon this fund.

Charles A. Wimpfheimer Emergency Relief Fund

Established by Charles A. Wimpfheimer in order to give emergency relief or temporary assistance to graduates of the School and members of the Alumnae Association of the Mount Sinai Hospital School of Nursing.

Mr. and Mrs. Sam S. Steiner Fund

Founded by Mr. and Mrs. Sam S. Steiner in memory of their beloved son, William J. H. Steiner; income to be used for the relief of needy graduates of the School.

Mr. and Mrs. Morris Fatman Relief Fund for Graduate Nurses

Founded by Mr. and Mrs. Morris Fatman; income to be used for the relief of graduate nurses.

Aid and Relief Fund

Founded anonymously by a Director of the School of Nursing; income to be used for the assistance of graduate and undergraduate nurses.

Kalman and Harriet F. Haas Fund

Founded by Kalman Haas; income to be used for the general purposes of the School.

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The election of Life Members to The Mount Sinai Hospital was discontinued in 1917, upon the organization of the Federation of Jewish Philanthropies, at which time the Hospital became a constituent of Federation.

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Abraham Hyman, M.D.

Otolaryngologist

Morris S. Bender, M.D.

Ophthalmic Surgeon

Kaufman Schlivek, M.D.

Anesthetist

Bernard H. Eliasberg, M.D.

Neuropathologist

* Joseph H. Globus, M.D.

Radiologist

Arthur J. Bendick, M.D.

Physical Therapist

Heinrich F. Wolf, M.D.

Oral Surgeon

Joseph Schroff, M.D., D.D.S.

MEDICAL SERVICE

Physician to the Hospital and Director of the Department of Medicine

Alexander B. Gutman, M.D.

Associate Attending Physicians

Harold A. Abramson, M.D.

(for Allergy)

David Adlersberg, M.D.

(for Metabolic Diseases)

Henry Dolger, M.D.

(for Metabolic Diseases)

Benjamin Eliasoph, M.D.

(for Special Service)

Charles K. Friedberg, M.D.

William M. Hitzig, M.D.

Saul Jarcho, M.D.

Arthur M. Master, M.D.

(for Cardiology)

Herbert Pollack, M.D.

(for Metabolic Diseases)

Coleman B. Rabin, M.D.

(for Thoracic Diseases)

Solomon Silver, M.D.

Louis J. Soffer, M.D.

Lester R. Tuchman, M.D.

Peter Vogel, M.D.

(for Hematology)

Louis R. Wasserman, M.D.

(for Hematology)

Asher Winkelstein, M.D.

(for Gastroenterology)

* Deceased

MEDICAL SERVICE

(Continued)

Assistant Attending Physicians

- | | |
|--|---|
| (s) Samuel H. Averbuck, M.D.
Frank A. Bassen, M.D.
(for Hematology) | (r) Mack Lipkin, M.D.
(for Psychosomatic Medicine)
Raymond S. Megibow, M.D. |
| (s) Solon S. Bernstein, M.D. | (s) Milton Mendlowitz, M.D. |
| (o) Frederick Bridge, M.D.
(for Thoracic Diseases)
Simon Dack, M.D.
(for Cardiology)
Max Ellenberg, M.D. | (o) Abraham Penner, M.D.
Ely Perlman, M.D.
(for Allergy)
Alexander Richman, M.D.
(for Gastroenterology and
Gastroscopy) |
| (o) Emanuel Z. Epstein, M.D.
Oscar H. Friedman, M.D.
(for Thoracic Diseases)
Jacques L. Gabrilove, M.D.
Isadore E. Gerber, M.D.
Alvin J. Gordon, M.D. | (s) Arthur Schiffrin, M.D.
Bernard M. Schwartz, M.D.
Irving J. Selikoff, M.D.
(for Thoracic Diseases)
Sheppard Siegal, M.D.
(for Allergy)
Louis E. Siltzbach, M.D.
Jonas H. Sirota, M.D. |
| (o) Edward B. Greenspan, M.D.
Ezra M. Greenspan, M.D.
Arthur Grishman, M.D.
(for Cardiology) | (s) Arthur R. Sohval, M.D.
Clifford L. Spingarn, M.D.
Daniel Stats, M.D. |
| (o) Herman Hennell, M.D.
Henry Horn, M.D.
Harry L. Jaffe, M.D.
(for Cardiology)
Henry D. Janowitz, M.D.
(for Gastroenterology) | (o) Morris F. Steinberg, M.D.
(o) J. Edward Stern, M.D.
(r) Mario Volterra, M.D. |
| (s) Frederick H. King, M.D. | (o) Kaufman Wallach, M.D. |
| (s) Hyman Levy, M.D.
Milton H. Levy, M.D.
(for Gastroenterology and
Gastroscopy) | (o) Harry Weiss, M.D.
Harry Yarnis, M.D.
(for Gastroenterology)
Herman Zazeela, M.D.
(for Convalescent Care) |
| (o) S. S. Lichtman, M.D. | (o) Frederic D. Zeman, M.D. |

Senior Clinical Assistants

- | | |
|---|--|
| Harold Aaron, M.D.
Jack Abry, M.D.
Joseph M. Alper, M.D.
John Amoroso, M.D.
Ludwig Anfanger, M.D. | Maynard B. Badanes, M.D.
(o) Leon Bader, M.D.
Joseph Bandes, M.D.
(o) Arnold T. Benfey, M.D.
Bennett W. Billow, M.D. |
|---|--|

(s) For Special Service.

(o) Off Service.

(r) Resigned

MEDICAL SERVICE

(Continued)

- | | |
|------------------------------|--------------------------------|
| Herbert Blau, M.D. | Herbert H. Lampert, M.D. |
| Perry Blumberg, M.D. | (o) Adolph A. Lilien, M.D. |
| Hans L. W. Blume, M.D. | Marvin Linick, M.D. |
| Jack S. Brandes, M.D. | Egon E. Lustig, M.D. |
| Arthur A. Briskier, M.D. | Harold D. Margulies, M.D. |
| Morris Chamurich, M.D. | Jacob D. Matis, M.D. |
| (o) Isaac Chasatzky, M.D. | Herman Moses, M.D. |
| Salvatore Contento, M.D. | Robert A. Newburger, M.D. |
| Albert Cornell, M.D. | Kermit E. Osserman, M.D. |
| Selvan Davison, M.D. | Julius Ottenheimer, M.D. |
| Anita DeLemos, M.D. | Albert D. Parets, M.D. |
| Henry L. Dorfmann, M.D. | Roman B. Perkul, M.D. |
| Morton H. Edelman, M.D. | Charles Ressler, M.D. |
| Alan Emanuel, M.D. | Benjamin Richman, M.D. |
| Mindel R. Erdberg, M.D. | Fritz Riesenfeld, M.D. |
| Paul Fagin, M.D. | (o) Adolf Rosenberg, M.D. |
| Joseph Faltitschek, M.D. | Jacob Rosenblatt, M.D. |
| (o) Henry Feibes, M.D. | George J. Sabrin, M.D. |
| Samuel A. Feldman, M.D. | E. Milton Sachs, M.D. |
| Leonard E. Field, M.D. | Hans M. Salzmann, M.D. |
| Leon Figur, M.D. | Norman A. Samuels, M.D. |
| Charles Fox, M.D. | David G. Schwartz, M.D. |
| (o) Alfred Foyer, M.D. | (o) Leopold Seidenberger, M.D. |
| Bernard I. Freedman, M.D. | Irving Solomon, M.D. |
| Theodore Gold, M.D. | Irving Somach, M.D. |
| Irving D. Gould, M.D. | Eugene Somkin, M.D. |
| Emil Granet, M.D. | Arthur Sonnenfeld, M.D. |
| Sidney S. Greenberg, M.D. | S. Zelig Sorkin, M.D. |
| S. Frederick Hahn, M.D. | (o) Alfred Sorter, M.D. |
| Paul J. Halberstadt, M.D. | Walter J. Sperling, M.D. |
| Herman G. Helpern, M.D. | Emanuel Stein, M.D. |
| Leo Hennell, M.D. | Leonard Stone, M.D. |
| (o) Joseph Herzstein, M.D. | Sidney Storch, M.D. |
| Manfred Hess, M.D. | Mary C. Tyson, M.D. |
| Dan Holbrooke, M.D. | (o) Walther H. Ullman, M.D. |
| Mark Imberman, M.D. | Marc Vechsler, M.D. |
| (o) Moritz Jacobson, M.D. | Max Waltzer, M.D. |
| Leo Kauftheil, M.D. | John J. Webster, M.D. |
| Kurt Jellinek, M.D. | Rudolph Weil, M.D. |
| (o) Siegbert Kamnitzer, M.D. | Charles Weisberg, M.D. |
| Rose H. Klein, M.D. | (o) Adolf Weiss, M.D. |
| J. John Kristal, M.D. | Adolph Weissman, M.D. |

(o) Off service

MEDICAL SERVICE

(Continued)

Marcus Widmann, M.D.	Maurice E. Wolf, M.D.
Morton W. Willis, M.D.	Martin Wolfsen, M.D.
Victor Willner, M.D.	Morton Yohalem, M.D.
Sigmund Winter, M.D.	Hyman Zuckerman, M.D.
Wolf Zukerman, M.D.	

Clinical Assistants

(Out-Patient Department)

Robert Wm. Barnett, M.D.	George C. Leiner, M.D.
Joseph J. Bennett, M.D.	Lawrence H. Lief, M.D.
Kenneth K. Berman, M.D.	Alfred Lilienfeld, M.D.
John J. Bookman, M.D.	Arthur W. Ludwig, M.D.
Kenneth Chesky, M.D.	Ludwig H. Mendelsohn, M.D.
Henry Colcher, M.D.	Joseph Neuburger, M.D.
Ruth E. Cortell, M.D.	Sanford Pariser, M.D.
Edward B. Crohn, M.D.	Oscar Pascal, M.D.
Clement Delit, M.D.	S. D. Pieczenik, M.D.
Erna S. deNauenberg, M.D.	Charles M. Plotz, M.D.
Leo G. Dinkin, M.D.	Leon Pordy, M.D.
Kurt Elias, M.D.	Murray Raphael, M.D.
† Solomon Estren, M.D.	Ira A. Rashkoff, M.D.
Sol S. Feinstein, M.D.	Richard E. Rosenfield, M.D.
Mack H. Fieber, M.D.	Norman Rosenthal, M.D.
Celine R. Fletcher, M.D.	David Roth, M.D.
Charles Forman, M.D.	Joseph Rutenberg, M.D.
Abraham I. Freedman, M.D.	Maurice W. Schachtel, M.D.
Charles L. Gelb, M.D.	Thomas Seidman, M.D.
Constantine D. Generales, M.D.	Alfred Shaw, M.D.
Stanley E. Gitlow, M.D.	Murray Y. Silver, M.D.
Louis Goodkin, M.D.	Samuel Sober, M.D.
Harry Holzer, M.D.	Karl M. Sommer, M.D.
Louis J. Kane, M.D.	Paul Stein, M.D.
Samuel Katz, M.D.	Roger W. Steinhart, M.D.
Donald S. Kent, M.D.	Robert C. Taymor, M.D.
Stanley S. Kogut, M.D.	† Albert G. Thomas, M.D.
Maxwell H. Kolodny, M.D.	Harold Trachtenberg, M.D.
Bernard A. Krull, M.D.	Louis B. Turner, M.D.
Joseph R. Kuh, M.D.	Henry J. Weintraub, M.D.
† Richard P. Lasser, M.D.	Roslyn Wiener, M.D.
Stanley L. Lee, M.D.	Salo T. Wild, M.D.

† In the Armed Forces

MEDICAL SERVICE

(Continued)

Richard P. Williams, M.D.	Stephen B. Yohalem, M.D.
Paul Winer, M.D.	Frederick Ziman, M.D.
William R. Woolner, M.D.	Robert L. Zimmerman, M.D.
Howard D. Zucker, M.D.	

Research Associate

Alfred P. Fishman, M.D.

Research Assistants

Edward J. Bien, M.D.	James B. Minor, M.D.
John J. Bookman, M.D.	Kermit Osserman, M.D.
Richardo Casinelli, M.D.	David H. Paley, M.D.
Selvan Davison, M.D.	Albert D. Parets, M.D.
E. N. Ehrenfeld, M.D.	Louis E. Schaefer, M.D.
Mark Halpern, M.D.	Robert C. Taymor, M.D.
Leslie A. Kuhn, M.D.	Louis B. Turner, M.D.
Martin Kurtz, M.D.	Abraham G. White, M.D.
Marvin F. Levitt, M.D.	William R. Woolner, M.D.
Adolph A. Lilien, M.D.	Stephen B. Yohalem, M.D.
T'sai Fan Yu, M.D.	

Podiatrists

Paul W. Haas, D.P.	Max Scharmett, D.P.
Herbert A. Heimlich, D.P.	Max Tepper, D.P.

PEDIATRIC SERVICE

Pediatrician to the Hospital and Director of the Department of Pediatrics

Horace L. Hodes, M.D.

Associate Attending Pediatricians

Sidney Blumenthal, M.D.	Samuel Karelitz, M.D.
Alfred E. Fischer, M.D.	Jerome L. Kohn, M.D.

Assistant Attending Pediatricians

Herman Anfanger, M.D.	Howard G. Rapaport, M.D.
Alfred L. Florman, M.D.	(for Allergy)
(o) George J. Ginandes, M.D.	(o) Rose G. Spiegel, M.D.
Harold M. Goldstein, M.D.	(for Allergy)
Milton J. H. Grand, M.D.	(o) Anne Topper, M.D.
Ralph E. Moloshok, M.D.	(for Metabolic Diseases)

(o) Off Service

PEDIATRIC SERVICE

(Continued)

Assistant Pediatricians

(Out-Patient Department)

- (o) William Rosenson, M.D. (o) Harry O. Zamkin, M.D.

Senior Clinical Assistants

(Out-Patient Department)

- | | |
|---------------------------|--------------------------|
| Max Baer, M.D. | Walter H. Levy, M.D. |
| Perry Blumberg, M.D. | Harry V. Lomant, M.D. |
| Arthur A. Briskier, M.D. | (o) Max Maier, M.D. |
| (o) Isaac Chasatzky, M.D. | Lawrence Maslansky, M.D. |
| Hyman Cohen, M.D. | Jacob D. Matis, M.D. |
| Samuel deLange, M.D. | Ida Mayer, M.D. |
| Aron J. Deutscher, M.D. | William Messer, M.D. |
| Gertrude Felshin, M.D. | (o) Max Meyer, M.D. |
| Irving Feuer, M.D. | (o) Hanna Mulier, M.D. |
| (o) Maurice Grozin, M.D. | Marie Louise Rie, M.D. |
| Merrill P. Haas, M.D. | (o) Gustav Salomon, M.D. |
| Franz H. Hanau, M.D. | Mauzy D. Sanger, M.D. |
| (o) Godel I. Hunter, M.D. | (o) Erich Siegel, M.D. |
| Erna Konig, M.D. | Milton Stillerman, M.D. |
| Sidney D. Leader, M.D. | Sidney Wachtell, M.D. |
| | Morton W. Willis, M.D. |

Clinical Assistants

(Out-Patient Department)

- | | |
|----------------------------|-----------------------------|
| Anne Botstein, M.D. | Alan Maged, M.D. |
| Richard L. Dreifuss, M.D. | Janice T. Nightingale, M.D. |
| Gladys Fish, M.D. | Richard N. Reuben, M.D. |
| † Arthur A. Goldfarb, M.D. | Samuel O. Sapin, M.D. |
| Samuel Grosberg, M.D. | Nathan Schifrin, M.D. |
| Else Kaufmann, M.D. | Irene Shapiro, M.D. |
| Harry King, M.D. | Gertrude Sobel, M.D. |
| Robert D. London, M.D. | Victor Szanton, M.D. |
| Herman Lubenstein, M.D. | Henry J. Weintraub, M.D. |

Research Assistant

Avron Y. Sweet, M.D.

(o) Off Service

† In the Armed Forces

NEUROLOGICAL SERVICE

Neurologist to the Hospital

Morris B. Bender, M.D.

Associate Attending Neurologists

- | | |
|-------------------------------|--------------------------------------|
| (o) Richard M. Brickner, M.D. | Hans Strauss, M.D. |
| I. S. Freiman, M.D. | (for <i>Electroencephalography</i>) |
| Milton R. Sapirstein, M.D. | Edwin A. Weinstein, M.D. |

Assistant Attending Neurologists

- | | |
|--------------------------------------|--------------------------------------|
| Philip S. Bergman, M.D. | Morton Nathanson, M.D. |
| Louis Greenstein, M.D. | (o) William Needles, M.D. |
| (for <i>Electroencephalography</i>) | Raymond L. Osborne, M.D. |
| Lawrence I. Kaplan, M.D. | Mortimer Ostow, M.D. |
| † Howard P. Krieger, M.D. | (for <i>Electroencephalography</i>) |
| (o) Judd Marmor, M.D. | Mortimer F. Shapiro, M.D. |

Senior Clinical Assistant

(*Out-Patient Department*)

- (o) David Gerst, M.D.

Clinical Assistants

(*Out-Patient Department*)

- | | |
|-----------------------|--------------------------|
| Kenneth M. Gang, M.D. | Ralph J. Greenberg, M.D. |
| Martin Green, M.D. | Simon Maringer, M.D. |

Research Associate

William Battersby, Ph.D.

Research Assistants

- | | |
|-----------------------|-------------------------------|
| Maximilian Fink, M.D. | Murray E. Jarvik, M.D., Ph.D. |
| † Robert Jaffe, M.D. | Paul Teng, M.D. |

PSYCHIATRIC SERVICE

Psychiatrist to the Hospital and Director of the Department of Psychiatry

M. Ralph Kaufman, M.D.

Associate Attending Psychiatrists

- | | |
|-------------------------|---------------------------------|
| Paul Goolker, M.D. | Sydney G. Margolin, M.D. |
| (o) Sandor Lorand, M.D. | (o) Clarence P. Oberndorf, M.D. |
| | Harry I. Weinstock, M.D. |

(o) *Off Service*

† *In the Armed Forces*

PSYCHIATRIC SERVICE

(Continued)

Assistant Attending Psychiatrists

Alfred T. Corvin, M.D.	Louis Linn, M.D.
Charles Fisher, M.D.	(r) Daniel M. Lipshutz, M.D.
Mark Gerstle, Jr., M.D.	Bernard C. Meyer, M.D.
Edward D. Joseph, M.D.	George W. Naumburg, Jr., M.D.
David Kairys, M.D.	Victor H. Rosen, M.D.
Samuel R. Lehrman, M.D.	Martin Schreiber, M.D.

Senior Clinical Assistants

Paul H. Brauer, M.D.	(o) Ernst Hammerschlag, M.D.
Selwyn Brody, M.D.	Aaron Stein, M.D.
Elias H. Gerchick, M.D.	Martin Stein, M.D.

Clinical Assistants

Herman S. Alpert, M.D.	Elizabeth Huff, M.D.
Stuart Asch, M.D.	Paul E. Kaunitz, M.D.
Charles Beck, M.D.	Hans J. Kleinschmidt, M.D.
† Morris H. Bernstein, M.D.	Peter H. Laqueur, M.D.
Sophie Bookhalter, M.D.	Abraham S. Lenzner, M.D.
Rachel Bross, M.D.	Francisco F. Merino, M.D.
Lili R. Bussel, M.D.	Ellis J. Mischel, M.D.
Michael Chaplik, M.D.	Charles Otchin, M.D.
M. Michael Cohen, M.D.	Robert T. Porter, M.D.
Isadore H. Cohn, M.D.	Lawrence J. Roose, M.D.
Herman C. B. Denber, M.D.	Samuel Roseman, M.D.
Hannah Ekaireb, M.D.	Emanuel Rubin, M.D.
Samuel L. Feder, M.D.	Joseph E. Rubinstein, M.D.
Bernard D. Fine, M.D.	Oscar Sachs, M.D.
Abraham N. Franzblau, M.D.	Henry Z. Shelton, M.D.
(o) Bernard M. Goertzel, M.D.	Joseph Schein, M.D.
Alvin J. Goldfarb, M.D.	Anselm W. Schurgast, M.D.
Meyer E. Golob, M.D.	Adele Sicular, M.D.
Leon Gottfried, M.D.	Irwin Solomon, M.D.
Harry Greenbaum, M.D.	Samuel F. Tabbat, M.D.
Irving B. Harrison, M.D.	Sumner E. Trent, M.D.
Marcel Heiman, M.D.	Leonard A. Weinroth, M.D.
	Emery I. Wells, M.D.

(o) Off Service

(r) Resigned

† In the Armed Forces

CHILD PSYCHIATRY DIVISION

Associate Attending Psychiatrist

Abram Blau, M.D.

Assistant Attending Psychiatrists

Wilfred C. Hulse, M.D.

Jack Rapoport, M.D.

Joseph M. Krimsley, M.D.

Nathan N. Root, M.D.

(r) Leo A. Spiegel, M.D.

Clinical Assistants

Cheri Appel, M.D.

Esther Haar, M.D.

Alonzo J. Beavers, Jr., M.D.

Valerie Handzel, M.D.

Alice DeBlois, M.D.

Margit Freund-Klemperer, M.D.

Morton S. Eisenberg, M.D.

Joshua M. Perman, M.D.

† Jerome Ennis, M.D.

David L. Rubinfine, M.D.

Irving Galin, M.D.

Bertram A. Slaff, M.D.

† Richard E. Gordon, M.D.

Irving Sternschein, M.D.

Research Assistants

Margaret W. Ferguson, M.D.

Abraham Levine, M.A.

Arthur Schwartz, M.A.

SECTION OF PSYCHOLOGY

Clinical Psychologist

Fred Brown, Ph.D.

ADULT PSYCHIATRY DIVISION

Assistant Clinical Psychologists

Elinor C. Gottlieb, M.A.

Abraham N. Levine, M.A.

William B. Haber, M.A.

Sylvia Markham, M.A.

Douglas Kahn, M.A.

Samuel Ressler, M.A.

Robert L. Kahn, M.A.

Israel H. Rosenberg, M.A.

(Neurology)

Arthur Schwartz, M.A.

Harriet Katz, M.A.

James Spingarn, M.S.

Hyman Korin, M.A.

Barbara Waxenberg, M.A.

Jack Krasner, Ph.D.

Sheldon E. Waxenberg, M.A.

Fred Wissner, M.A.

(r) Resigned

† In the Armed Forces

CHILD PSYCHIATRY DIVISION

Associate Clinical Psychologist

Rose Davis, M.A.

Assistant Clinical Psychologists

Glen Boles, M.A.

Carolyn Reif, M.A.

Ann Dragoon, M.A.

Eleanor Semel, M.A.

Janet Ginandes, M.A.

Miriam Sossnoff, M.A.

Claire Weinrebe, M.A.

DERMATOLOGICAL SERVICE

Dermatologist to the Hospital

Samuel M. Peck, M.D.

Associate Attending Dermatologists

William Leifer, M.D.

Herbert Rosenfeld, M.D.

Assistant Attending Dermatologists

Howard T. Behrman, M.D.

Laurence L. Palitz, M.D.

Arthur W. Glick, M.D.

Ellen Reiner, M.D.

George Klein, M.D.

(o) Max Scheer, M.D.

Assistant Dermatologists

(Out-Patient Department)

(o) Lewis A. Goldberger, M.D.

Joel Schweig, M.D.

(o) Charles Wolf, M.D.

Senior Clinical Assistants

(Out-Patient Department)

(o) Berthold Bachrach, M.D.

Leo G. Hess, M.D.

(o) Eugene T. Bernstein, M.D.

Abner Kurtin, M.D.

Raphael Breakstone, M.D.

Frederick B. Laufer, M.D.

(o) Frank E. Cross, M.D.

Sidney B. Roof, M.D.

Julius Davis, M.D.

(o) Harry Sherwood, M.D.

(o) Kurt Franklin, M.D.

Gustav Weissberg, M.D.

Clinical Assistants

(Out-Patient Department)

Bronia Finkler, M.D.

Leonard V. Kornblee, M.D.

Alfred Joseph, M.D.

Oscarre Landi, M.D.

Joseph Markel, M.D.

(o) Off Service

SURGICAL SERVICE

Surgeon to the Hospital and Director of the Department of Surgery

Mark M. Ravitch, M.D.

Surgeons to the Hospital

Ralph Colp, M.D.

John H. Garlock, M.D.

Arthur S. W. Touroff, M.D.

Associate Attending Surgeons

Ernest E. Arnheim, M.D.

(for *Pediatric Surgery*)

Arthur H. Aufses, M.D.

* Harry E. Ehrlich, M.D.

(for *Head and Neck Surgery*)

(o) Leon Ginzburg, M.D.

Samuel H. Klein, M.D.

Percy Klingenstein, M.D.

Sylvan D. Manheim, M.D.

(for *Rectal Diseases*)

Assistant Attending Surgeons

Arthur J. Barsky, M.D.

(for *Plastic Surgery*)

Lester Blum, M.D.

(for *Peripheral Vascular Diseases*)

David A. Dreiling, M.D.

(s) Leonard J. Druckerman, M.D.

Eugene W. Friedman, M.D.

(for *Head and Neck Surgery*)

(o) Ameil Glass, M.D.

Aaron Himmelstein, M.D.

Edward E. Jemerin, M.D.

Gerson J. Lesnick, M.D.

Louis J. Lester, M.D.

Albert S. Lyons, M.D.

(o) Sigmund Mage, M.D.

(o) Myron A. Sallick, M.D.

Gabriel P. Seley, M.D.

Leon D. Star, M.D.

Robert Turell, M.D.

(for *Rectal Diseases*)

Vernon A. Weinstein, M.D.

Senior Clinical Assistants

(*Out-Patient Department*)

(o) George F. Dayton, M.D.

Milton E. Eisen, M.D.

Dorian Eisenklam, M.D.

Wolf Elkan, M.D.

Lawrence Essenson, M.D.

Ralph W. Flax, M.D.

Bernard Friedman, M.D.

Aron Goldschmidt, M.D.

Henry Haimovici, M.D.

Maurice S. Harte, M.D.

(o) Erwin Horner, M.D.

Heinz Lippmann, M.D.

Daniel Luger, M.D.

Samuel J. Megibow, M.D.

Maurice Munzer, M.D.

Robert A. Nabatoff, M.D.

Hellmuth Oppenheimer, M.D.

(o) Willy Perez, M.D.

Henry Peskin, M.D.

Erich B. Plocki, M.D.

(s) For *Special Service*

(o) Off *Service*

* Deceased

SURGICAL SERVICE

(Continued)

Irving Schoenfeld, M.D.	Otto Sternberg, M.D.
George Schreiber, M.D.	Selig Strax, M.D.
Emil Schwarzmann, M.D.	Harry Warner, M.D.
Bernard E. Simon, M.D.	Martin B. Welt, M.D.
Herman Zazeela, M.D.	

Clinical Assistants

(Out-Patient Department)

Richard M. Alexander, M.D.	William Kropf, M.D.
Joseph N. Attie, M.D.	Julius J. Leichtling, M.D.
Ben F. Bryer, M.D.	Irving H. Parnes, M.D.
Arthur Feitell, M.D.	Eli Perchuk, M.D.
Harry Golodner, M.D.	Alfred A. Pomeranz, M.D.
Oscar Greene, M.D.	Bernard P. Robinson, M.D.
Henry J. Heimlich, M.D.	Irving J. Thorne, M.D.
Robert A. Herfort, M.D.	Harvey Wiener, M.D.
Herbert M. Jacobs, M.D.	Andre E. Willner, M.D.
Paul A. Kirschner, M.D.	Herman D. Zeifer, M.D.

Research Assistants

Ben F. Bryer, M.D.	Robert A. Nabatoff, M.D.
Samuel J. Megibow, M.D.	Stephan S. Rosenak, M.D.

Podiatrists

Benedict S. Gale, D.P.	William Scharmatt, D.P.
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NEUROSURGICAL SERVICE

Neurosurgeon to the Hospital

Leo M. Davidoff, M.D.

Associate Attending Neurosurgeons

Emanuel H. Feiring, M.D.	Sidney W. Gross, M.D.
Benno Schlesinger, M.D.	

Assistant Attending Neurosurgeons

Joseph A. Epstein, M.D.	Leonard I. Malis, M.D.
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Research Assistant

Alexander Langer, M.D.

UROLOGICAL SERVICE

Urologist to the Hospital

Gordon D. Oppenheimer, M.D.

Associate Attending Urologist

Moses Swick, M.D.

Assistant Attending Urologists

Stanley I. Glickman, M.D.	(o) William H. Mencher, M.D.
(o) H. Evans Leiter, M.D.	Lester Narins, M.D.
(o) Lewis T. Mann, M.D.	Joseph M. Silagy, M.D.

Assistant Urologist

(Out-Patient Department)

William L. Ferber, M.D.

Senior Clinical Assistants

(Out-Patient Department)

(o) Erwin Batzdorf, M.D.	(o) Max Levi, M.D.
Kurt Cronheim, M.D.	Adolf Lowenthal, M.D.
Max David, M.D.	(o) Bruno Mark, M.D.
(o) Arthur Israel, M.D.	(o) Rudolf Paschkis, M.D.
Harry D. Italiener, M.D.	Aaron Prigot, M.D.
Edward Jacobs, M.D.	Paul Reiser, M.D.
(o) Max Jacoby, M.D.	Stephan S. Rosenak, M.D.
(o) Ernst Kornitzer, M.D.	(o) Martin J. Rosenberg, M.D.

Clinical Assistants

(Out-Patient Department)

Hilda M. Fliegel, M.D.	Leonard M. Levin-Epstein, M.D.
John R. Herman, M.D.	Joseph S. Mansker, M.D.
Murray B. Pincus, M.D.	

OBSTETRICAL AND GYNECOLOGICAL SERVICE

Obstetrician and Gynecologist to the Hospital and Director of the Department of Obstetrics and Gynecology

Alan F. Guttmacher, M.D.

Gynecologist to the Hospital

Morris A. Goldberger, M.D.

(o) Off Service

OBSTETRICAL AND GYNECOLOGICAL SERVICE

(Continued)

Associate Attending Obstetricians and Gynecologists

Arthur M. Davids, M.D.	Harold Speert, M.D.
Joseph A. Gaines, M.D.	Robert I. Walter, M.D.
Emanuel Klempner, M.D.	Seymour Wimpfheimer, M.D.

Assistant Attending Obstetricians and Gynecologists

Bernard Berglas, M.D.	Norman Pleshette, M.D.
Hilliard Dubrow, M.D.	Charles S. Poole, M.D.
William A. Epstein, M.D.	Eugene N. Scadron, M.D.
Arnold N. Fenton, M.D.	Myron E. Steinberg, M.D.
Robert Landesman, M.D.	Melvin L. Stone, M.D.
Louis S. Lapid, M.D.	Irwin Weiner, M.D.
Nathan Mintz, M.D.	David Zakin, M.D.

Assistant Obstetricians and Gynecologists

(Out-Patient Department)

(o) Maurice E. Mintz, M.D.	Frank Spielman, M.D.
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Senior Clinical Assistants

(Out-Patient Department)

Ernest G. Abraham, M.D.	Irving C. Fischer, M.D.
Hans Auerbach, M.D.	Emanuel M. Greenberg, M.D.
Ernest Bamberger, M.D.	Stefanie K. Haas, M.D.
Sidney Bruce, M.D.	Seymour M. Katz, M.D.
Gertrude Felshin, M.D.	Bruno Kriss, M.D.
Meyer D. Schnall, M.D.	

Clinical Assistants

(Out-Patient Department)

Irving Abelow, M.D.	Irving Greene, M.D.
Alexei N. Berk, M.D.	Norman Herzig, M.D.
Salo M. Boltuch, M.D.	Sherwin A. Kaufman, M.D.
Sidney Cohn, M.D.	Gisella Perl, M.D.
Robert L. Feldman, M.D.	Leonard M. Roberts, M.D.
Eugene Fischel, M.D.	Herbert J. Simon, M.D.
Daniel Wanderman, M.D.	

OTOLARYNGOLOGICAL SERVICE

Otolaryngologist to the Hospital

Rudolph Kramer, M.D.

(o) Off Service

OTOLARYNGOLOGICAL SERVICE

(Continued)

Associate Attending Otolaryngologists

Joseph G. Druss, M.D.	Joseph L. Goldman, M.D.
Irving B. Goldman, M.D.	Samuel Rosen, M.D.
(for Rhinoplasty)	Harry Rosenwasser, M.D.
Max L. Som, M.D.	

Assistant Attending Otolaryngologists

Nathan Adelman, M.D.	Joseph Freeman, M.D.
Leon M. Arnold, M.D.	(o) Louis Kleinfeld, M.D.
Samuel Bloom, M.D.	Eugene R. Snyder, M.D.

Senior Clinical Assistants

(Out-Patient Department)

(o) Adolph A. Apton, M.D.	Friedrich S. Brodnitz, M.D.
Jacob S. Aronoff, M.D.	Simon Malowist, M.D.
Joseph Berberich, M.D.	Fred L. Marx, M.D.
(o) Hans Brinitzer, M.D.	(o) S. Mencher, M.D.
Richard Pollak, M.D.	

Clinical Assistants

(Out-Patient Department)

Sidney S. Feuerstein, M.D.	Bruno Griesman, M.D.
Charles H. Rosenberg, M.D.	

OPHTHALMOLOGICAL SERVICE

Ophthalmic Surgeon to the Hospital

Henry Minsky, M.D.

Associate Attending Ophthalmic Surgeons

Joseph Laval, M.D.	David Wexler, M.D.
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Assistant Attending Ophthalmic Surgeons

Sylvan Bloomfield, M.D.	Jacob Goldsmith, M.D.
(s) Max Chamlin, M.D.	Abraham L. Kornzweig, M.D.
Frederick H. Theodore, M.D.	

(s) For Special Service
(o) Off Service

OPHTHALMOLOGICAL SERVICE

(Continued)

Senior Clinical Assistants

(Out-Patient Department)

Alan H. Barnert, M.D.	(o) Francis J. Langendorf, M.D.
Morris Feldstein, M.D.	Norbert Lewin, M.D.
(o) Isaak Horovitz, M.D.	(o) Max Mannheimer, M.D.
Fred L. Marx, M.D.	

Clinical Assistants

(Out-Patient Department)

Gerald M. Branower, M.D.	David Silver, M.D.
Robert S. Coles, M.D.	William G. Toll, M.D.

Refractionists

(Out-Patient Department)

* Bertha Gladstern, M.D.	Max Mannheimer, M.D.
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ORTHOPEDIC SURGERY SERVICE

Orthopedic Surgeon to the Hospital

Robert K. Lippmann, M.D.

Associate Attending Orthopedic Surgeons

Edgar M. Bick, M.D.	Albert J. Schein, M.D.
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Assistant Attending Orthopedic Surgeons

(o) Alvin M. Arkin, M.D.	Frederick M. Marek, M.D.
(o) Benjamin M. Greenberg, M.D.	Robert S. Siffert, M.D.
Joel Hartley, M.D.	Edmund Uhry, Jr., M.D.

Senior Clinical Assistants

(Out-Patient Department)

Helen Schur, M.D.	Herman Sternberg, M.D.
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Clinical Assistants

(Out-Patient Department)

Jacob F. Katz, M.D.	Ernest Stich, M.D.
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Podiatrists

(Out-Patient Department)

Paul W. Haas, D.P.	Max G. Scharmett, D.P.
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(o) Off Service

** Deceased*

DEPARTMENT OF ANESTHESIA

Anesthetist to the Hospital

Milton H. Adelman, M.D.

Associate Attending Anesthetists

Morris Bien, M.D.

Philip A. Lief, M.D.

Sydney S. Lyons, M.D.

Assistant Attending Anesthetists

Sara Bass, M.D.

Seymour A. Miller, M.D.

Arthur I. Rosenthal, M.D.

DEPARTMENT OF DENTAL AND ORAL SURGERY

Dentist to the Hospital

Leo Stern, D.D.S.

Associate Attending Densists

Ralph H. Brodsky, D.M.D.

(o) Dennis D. Glucksman, D.D.S.

Lester H. Cahn, D.D.S.

J. A. Salzmann, D.D.S.

(for Oral Pathology)

Assistant Attending Dentists

Leon Eisenbud, D.D.S.

† Raymond L. Kotch, D.D.S.

Marvin G. Freid, D.D.S.

(o) Arthur A. Kulick, D.D.S.

Jack S. Klatell, D.D.S.

Max Michaelson, D.D.S.

(o) Daniel M. Kollen, D.D.S.

Milton Schwartz, D.D.S.

Leo Stern, Jr., D.D.S.

Senior Clinical Assistants

(Out-Patient Department)

† Dennis Berger, D.D.S.

Bernard L. Levy, D.D.S.

Henry I. Cohen, D.D.S.

Simon Lifton, D.D.S.

Morris Dicker, D.D.S.

Melvin L. Morris, D.D.S.

Herbert L. Goodwin, D.M.D.

Maurice J. Oringer, D.D.S.

Samuel S. Gordon, D.D.S.

Sidney Retzker, D.D.S.

Max Greenspan, D.D.S.

Murray Spielman, D.D.S.

Jerome L. Klaif, D.D.S.

Maurice V. Stavin, D.D.S.

Emanuel Knishkowsky, D.D.S.

George Trattner, D.D.S.

Jacob Leiter, D.D.S.

Milton Wechsler, D.D.S.

(o) Off Service

† In the Armed Forces

DEPARTMENT OF DENTAL AND ORAL SURGERY

(Continued)

Clinical Assistants

(Out-Patient Department)

I. Kenneth Addison, D.D.S.	Walter S. Moch, D.D.S.
Ernest Baden, D.D.S.	David Mossberg, D.D.S.
† A. Lawrence Bram, D.D.S.	Norman R. Parker, D.D.S.
John Breiner, D.D.S.	Richard Pasternak, D.D.S.
Jack E. Brenner, D.D.S.	Solomon Pearlman, D.D.S.
Morton R. Brenner, D.D.S.	Ivan B. Prince, D.D.S.
Harold Brooks, D.D.S.	† Chester B. Rackson, D.D.S.
Stanley A. Busch, D.D.S.	David Ring, D.D.S.
Michael Cagin, D.D.S.	Irwin S. Robinson, D.D.S.
Oscar Check, D.D.S.	Leo H. Roper, D.D.S.
A. Norman Cranin, D.D.S.	Arnold Rosenberg, D.D.S.
Jack Crespi, D.D.S.	Sheldon S. Rothman, D.D.S.
† Menasseh Elson, D.D.S.	Allan Russell, D.D.S.
Bernard H. Etkin, D.D.S.	Robert W. Sabin, D.D.S.
Robert B. Finder, D.D.S.	Richard B. Schron, D.D.S.
Robert L. Fisher, D.D.S.	† Herbert M. Schwartz, D.D.S.
David Greene, D.D.S.	Hirsch Siebzechner, D.D.S.
Arthur Hader, D.D.S.	Martin T. Siegel, D.D.S.
Sidney D. Hammer, D.D.S.	† Harvey L. Small, D.D.S.
Ernest Herman, D.D.S.	† Joseph R. Stein, D.D.S.
† Burton M. Jerome, D.D.S.	Peter E. Stern, D.D.S.
David H. Katz, D.D.S.	Stanley L. Stutman, D.D.S.
Walter J. Kent, D.D.S.	J. Robert Theaman, D.D.S.
Stanley Kollen, D.D.S.	Lillian Wager, D.D.S.
Jerome Meadow, D.D.S.	Martin S. Weg, D.D.S.
Jerome S. Mittelman, D.D.S.	Stanley L. Wein, D.D.S.
	Sylvia E. Zappler, D.D.S.

DEPARTMENT OF PHYSICAL MEDICINE

Physiatrist to the Hospital

William Bierman, M.D.

Assistant Physiatrist

(Out-Patient Department)

Eric Levy, M.D.

Clinical Assistant

(Out-Patient Department)

Morton J. Greene, M.D.

† In the Armed Forces

CARDIOGRAPHIC LABORATORY

Cardiologist

Arthur M. Master, M.D.

Research Associate

Bruno Kisch, M.D.

Research Assistants

† Irving P. Ackerman, M.D.	Charles I. Garfield, M.D.
Kenneth Chesky, M.D.	Leon Pordy, M.D.
Efraim Donoso, M.D.	Benjamin Richman, M.D.
Leonard E. Field, M.D.	Sidney Storch, M.D.
Robert A. Shimm, M.D.	

THE LABORATORIES

Sergei Feitelberg, M.D.	Physicist
Paul Klemperer, M.D.	Pathologist
Gregory Schwartzman, M.D.	Microbiologist
Harry H. Sobotka, Ph.D.	Chemist
Louis R. Wasserman, M.D.	Hematologist
Peter Vogel, M.D.	Director of Blood Bank
Sadao Otani, M.D.	Associate Pathologist
S. Stanley Schneiersen, M.D.	Associate Microbiologist
Irwin H. Feigin, M.D.	Associate Pathologist for Neuropathology
Lotte Strauss, M.D.	Associate Pathologist for Pediatric Pathology
Alice I. Bernheim, M.D.	Senior Assistant Pathologist
Cecele Herschberger, B.S.	Senior Assistant Microbiologist
Julius J. Carr, Ph.D.	Senior Assistant Chemist
Gerda Gernsheim Mayer, Ph.D.	Senior Assistant Chemist
Robert Loevinger, Ph.D.	Assistant Physicist
James J. Hay	Assistant Physicist

Special Laboratory Appointments

Ernst P. Pick, M.D.	Associate in Pharmacology
Franklin Hollander, Ph.D.	Associate in Gastric Physiology
Jacob Chanley, Ph.D.	Research Associate in Chemistry
Frederic E. Stynler, Ph.D.	Research Associate in Chemistry
Max Adler, Ph.D.	Research Associate in Gastroenterology

Fellows

(1952-1953)

Mortimer E. Bader, M.D.	Stanley D. Kops Memorial Fellowship in Medicine
Richard A. Bader, M.D.	Charles Klingenstein Fellowship in Medicine
Albin A. Bakst, M.D.	Stanley D. Kops Memorial Fellowship in Surgery
Morton S. Bryer, M.D.	Philip J. Goodhart Fellowship in Microbiology

† In the Armed Forces

THE LABORATORIES

(Continued)

Howard K. Ente, M.D.....	<i>Eugene Meyer, Jr. Fellowship in Pathology</i>
Aaron D. Freedman, M.D.....	<i>Dr. Emanuel Libman Fellowship in Medicine</i>
Mark Halpern, M.D.....	<i>Moritz Rosenthal Fellowship in Medicine</i>
Arthur I. Hutner, M.D.....	<i>Eugene Meyer, Jr. Fellowship in Pathology</i>
Rene Jahiel, M.D.....	<i>George Blumenthal, Jr. Fellowship in Pathology</i>
Leslie A. Kuhn, M.D.....	<i>Elsa and William Menke Fellowship in Medicine</i>
Martin Kurtz, M.D.....	<i>Stanley D. Kops Memorial Fellowship in Medicine</i>
Lewis E. Lipkin, M.D.....	<i>Sara Welt Fellowship in Pathology</i>
Harvey Mendelow, M.D.....	<i>Charles Klingenstein Fellowship in Pathology</i>
Fela Polishuk, M.Sc.....	<i>Fellowship in Arthritis</i>
Norman P. Rubenstein, M.D.....	<i>Sara Welt Fellowship in Pathology</i>
Jerome H. Rusoff, M.D.....	<i>Sara Welt Fellowship in Pediatrics</i>
Galli Safrin, M.D.....	<i>George Blumenthal, Jr. Fellowship in Pathology</i>
Philip Samet, M.D.....	<i>Moritz Rosenthal Fellowship in Medicine</i>
Samuel O. Sapin, M.D.....	<i>Philip J. Goodhart Fellowship in Pediatrics</i>
Jay Shorr, M.D.....	<i>Minnie Kastor Fellowship in Psychiatry</i>
Ch'un I. Wang, M.D.....	<i>Elsa and William Menke Fellowship in Medicine</i>
Irwin Weiner, M.D.....	<i>Dr. Joseph Brettauer Fellowship in Gynecology</i>
Roslyn Wiener, M.D.....	<i>Sara Welt Fellowship in Medicine</i>

Research Assistants

Microbiology

Stanley M. Aronson, M.D.
Morton S. Bryer, M.D.
Morton H. Edelman, M.D.
Alice Fisher, A.B.
Maxwell L. Littman, M.D.
Constantin V. Teoduro, M.D.
Irving Zimmerman, D.V.M.

Chemistry

Harold Aaron, M.D.
Herman Baker, B.S.
Jacques R. Fresco, Ph.D.
Sam Levin, Ph.D.
Fritz Lieben, Ph.D.
Anita V. Luisada Opper, Ph.D.
George Rubin, M.S.
Dorothy Von Redlich, Ph.D.
Ch'un I. Wang, M.D.

Pathology

Joseph Bellamy, M.D.

Jacob Churg, M.D.
Jacob Dyckman, M.D.
William E. Finkelstein, M.D.
Gabriel C. Godman, M.D.
Edith Grishman, M.D.
Arthur W. Ludwig, M.D.
Irving Ratner, M.D.
Blanca Schneid, M.D.
Daniel L. Weiss, M.D.
Frederick G. Zak, M.D.

Gastroenterology

Joseph Bandes, M.D.
David Birnbaum, M.D.
Henry Colchcer, M.D.
Julius Kleeberg, M.D.
Sara Weiden, B.S., M.S.
Victor Willner, M.D.

Hematology

† Solomon Estren, M.D.

† In the Armed Forces

THE LABORATORIES

(Continued)

Stanley E. Gitlow, M.D.

Physics

Stanley L. Lee, M.D.

Dorothy W. Leavitt, B.S.

Ira A. Rashkoff, M.D.

Josephine Mayer, Ph.D.

Martin C. Rosenthal, M.D.

William M. Nelson, Ph.D.

Mary C. Tyson, M.D.

Lena Sharney, Ph.D.

DEPARTMENT OF ROENTGENOLOGY

Radiologist to the Hospital and Director of the Department of Radiology

Bernard S. Wolf, M.D.

Associate Attending Radiologists

Joan J. Lipsay, M.D.

William Merrit, M.D.

Richard H. Marshak, M.D.

Coleman B. Rabin, M.D.

Assistant Attending Radiologists

Sigmund Brahms, MD.

Charles M. Newman, M.D.

John E. Moseley, M.D.

Milton Robbins, M.D.

Herman C. Zuckerman, M.D.

DEPARTMENT OF RADIOTHERAPY

Radiotherapist to the Hospital

William Harris, M.D.

Associate Attending Radiotherapists

Albert Kean, M.D.

Sidney M. Silverstone, M.D.

Assistant Attending Radiotherapists

Arnold L. Bachman, M.D.

Charles Botstein, M.D.

Norman Simon, M.D.

Consulting Physicist

Carl B. Braestrup, B.Sc.

DIRECTOR OF CONSULTATION SERVICE

Herman Lande, M.D.

DISTRICT PHYSICIAN

Abraham Jerskey, M.D.

PHYSICIAN TO EMPLOYEES HEALTH SERVICE

Seymour E. Rosenthal, M.D.

THE DEPARTMENT OF GRADUATE MEDICAL INSTRUCTION

(Academic Year 1952-53, Conducted in Affiliation with the Columbia University
Faculty of Medicine)

OFFICERS OF INSTRUCTION

(Unless otherwise designated, all titles are conferred by The Mount Sinai Hospital)

HAROLD A. ABRAMSON, M.D.	Associate Attending Physician for Allergy; Assistant Professor of Physiology in Columbia University
DAVID ADLERSBERG, M.D.	Assistant Attending Physician for Metabolic Diseases
HOWARD J. AGATSTON, M.D.	Clinical Assistant, Ophthalmological Division, Out-Patient Department
ARTHUR H. AUFSES, M.D.	Associate Attending Surgeon
SAMUEL H. AVERBUCK, M.D.	Assistant Attending Physician
ALAN H. BARNERT, M.D.	Clinical Assistant, Ophthalmological Division, Out-Patient Department
FRANK A. BASSEN, M.D.	Assistant Attending Physician for Hematology
HOWARD T. BEHRMAN, M.D.	Assistant Attending Dermatologist
MORRIS B. BENDER, M.D.	Neurologist to Hospital
PHILIP S. BERGMAN, M.D.	Assistant Attending Neurologist
SYLVAN BLOOMFIELD, M.D.	Assistant Attending Ophthalmic Surgeon
PERRY BLUMBERG, M.D.	Senior Clinical Assistant, Medical Division, Out-Patient Department (Cardiac)
SIDNEY BLUMENTHAL, M.D.	Assistant Attending Pediatrician
ERNST P. BOAS, M.D.	Consulting Physician
JOHN J. BOOKMAN, M.D.	Clinical Assistant, Medical Division, Out-Patient Department (Metabolism); Research Assistant in Medicine
SIGMUND A. BRAHMS, M.D.	Assistant Attending Radiologist
MAX CHAMLIN, M.D.	Assistant Attending Ophthalmic Surgeon for Special Service
RALPH COLP, M.D.	Surgeon to Hospital; Clinical Professor of Surgery in Columbia University
ALBERT CORNELL, M.D.	Senior Clinical Assistant, Medical Division, Out-Patient Department (Gastric)
BURRILL B. CROHN, M.D.	Consulting Gastroenterologist
SIMON DACK, M.D.	Assistant Attending Physician for Cardiology; Lecturer in Medicine in Columbia University
LEO M. DAVIDOFF, M.D.	Neurosurgeon to Hospital
HENRY DOLGER, M.D.	Associate Attending Physician for Metabolic Diseases
DAVID A. DREILING, M.D.	Assistant Attending Surgeon
LEONARD J. DRUCKERMAN, M.D.	Assistant Attending Surgeon—Special Service
BENJAMIN ELIASOPH, M.D.	Associate Attending Physician for Special Service
MAX ELLENBERG, M.D.	Assistant Attending Physician
PAUL FAGIN, M.D.	Senior Clinical Assistant, Medical Division, Out-Patient Department (Cardiac)
SERGEI FEITELBERG, M.D.	Physicist to Hospital
LEONARD E. FIELD, M.D.	Senior Clinical Assistant, Medical Division, Out-Patient Department (Cardiac); Research Assistant in Cardiology
CHARLES FISHER, M.D.	Assistant Attending Psychiatrist; Lecturer in Psychiatry in Columbia University
ALFRED P. FISHMAN, M.D.	Research Associate in Medicine
ISRAEL S. FREIMAN, M.D.	Associate Attending Neurologist
CHARLES K. FRIEDBERG, M.D.	Associate Attending Physician; Lecturer in Medicine in Columbia University

OSCAR H. FRIEDMAN, M.D.	Assistant Attending Physician for Thoracic Diseases
J. LESTER GABRILOVE, M.D.	Assistant Attending Physician
JOHN H. GARLOCK, M.D.	Surgeon to Hospital; Clinical Professor of Surgery in Columbia University
ISIDORE E. GERBER, M.D.	Assistant Attending Physician; Lecturer in Medicine in Columbia University
ARTHUR W. GLICK, M.D.	Assistant Attending Dermatologist
*JOSEPH H. GLOBUS, M.D.	Consulting Neuropathologist; Consulting Neurologist
MORRIS A. GOLDBERGER, M.D.	Gynecologist to Hospital; Clinical Professor of Gynecology in Columbia University
ALVIN I. GOLDFARB, M.D.	Clinical Assistant, Psychiatric Division, Out-Patient Department
IRVING B. GOLDMAN, M.D.	Associate Attending Otolaryngologist for Rhinoplasty
JACOB GOLDSMITH, M.D.	Assistant Attending Ophthalmic Surgeon
HAROLD M. GOLDSTEIN, M.D.	Assistant Attending Pediatrician
PAUL GOOLKER, M.D.	Associate Attending Psychiatrist
ALVIN J. GORDON, M.D.	Assistant Attending Physician
EMIL GRANET, M.D.	Senior Clinical Assistant, Medical Division, Out-Patient Department (Gastric)
ARTHUR GRISHMAN, M.D.	Assistant Attending Physician for Cardiology
ALEXANDER B. GUTMAN, M.D.	Physician to Hospital; Director of the Department of Medicine; Professor of Medicine in Columbia University
WILLIAM M. HITZIG, M.D.	Associate Attending Physician; Assistant Clinical Professor of Medicine in Columbia University
HORACE L. HODES, M.D.	Pediatrician to Hospital; Director of the Department of Pediatrics; Clinical Professor of Pediatrics in Columbia University
FRANKLIN HOLLANDER, PH.D.	Associate in Gastric Physiology; Lecturer in Medicine in Columbia University
HENRY HORN, M.D.	Assistant Attending Physician
DOROTHEA HORSTMANN	Instructor in Dietetics, School of Nursing
HARRY L. JAFFE, M.D.	Assistant Attending Physician for Cardiology
HENRY D. JANOWITZ, M.D.	Assistant Attending Physician for Gastroenterology
EDWARD E. JEMERIN, M.D.	Assistant Attending Surgeon
LAWRENCE I. KAPLAN, M.D.	Assistant Attending Neurologist
M. RALPH KAUFMAN, M.D.	Psychiatrist to Hospital; Director of the Department of Psychiatry; Clinical Professor of Psychiatry in Columbia University
FREDERICK H. KING, M.D.	Assistant Attending Physician for Special Service; Lecturer in Medicine in Columbia University
BRUNO KISCH, M.D.	Research Associate in Cardiology
GEORGE KLEIN, M.D.	Assistant Attending Dermatologist
SAMUEL H. KLEIN, M.D.	Associate Attending Surgeon
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HOWARD P. KRIEGER, M.D.	Assistant Attending Neurologist
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HYMAN LEVY, M.D.	Assistant Attending Physician
S. S. LICHTMAN, M.D.	Assistant Attending Physician—Off Service
JOAN J. LIPSAY, M.D.	Associate Attending Radiologist
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ALBERT S. LYONS, M.D.	Assistant Attending Surgeon

* Deceased November 19, 1952

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RICHARD H. MARSHAK, M.D.	Associate Attending Radiologist
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*HYMAN BLUM	1879-1896	ALFRED L. ROSE	1948-

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*HARRIS ARONSON	1875-1879	GEORGE B. BERNHEIM	1938-1945
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*ISAAC WALLACH	1879-1896	GEORGE LEE	1945-1948
*ISAAC STERN	1896-1906		1951-
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*GEORGE BLUMENTHAL	1893-1894	GEORGE LEE	1943-1945
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*HENRY GITTERMAN	1866-1916	<i>Re-elected, 1883-1885.</i>	
*JONAS HELLER	1866-1870	*HENRY ROSENWALD	1879-1885
*SOLOMON SOMMERICH	1867-1889	*LOUIS GANS	1879-1889
*ISAAC HERRMANN	1867-1869	*MOSES G. HANAUER	1879-1882
*J. S. ABECASIS	1869-1872	<i>Secretary, 1879-1882.</i>	
*LEWIS FATMAN	1869-1878	*L. M. HORNTAL	1880-1897
<i>Vice-President, 1874-1875; Re-elected 1880-1884.</i>		<i>Secretary, 1882-1885.</i>	
*A. S. ROSENBAUM	1870-1875	*MICHAEL DINKELSPIEL	1881-1883
<i>Secretary, 1872-1875.</i>		*DEWITT J. SELIGMAN	1881-1888
*MAX STADLER	1870-1876	<i>Secretary, 1885-1888.</i>	

* Deceased

*SIMON ROTHSCHILD	1884-1905	*HENRY MORGENTHAU	1901-1917
*S. L. FATMAN	1885-1898	<i>Honorary Trustee, 1917-1946.</i>	
*ALBERT HENDRICKS	1885-1886	*JAMES SPEYER	1902-1935
*SOLOMON LOEB	1885-1897	<i>Honorary Trustee, 1935-1941.</i>	
*ELIAS ASIEL	1886-1920	*LEO ARNSTEIN	1902-1944
<i>Treasurer, 1892-1915.</i>		<i>Secretary, 1902-1910; Second Vice-President, 1910-1917; First Vice-President, 1917-1938; President, 1938-1944.</i>	
*WILLIAM VOGEL	1887-1893	*JACOB EMSHEIMER	1902-1928
*ANTHONY WALLACH	1887-1888	*HUGO BLUMENTHAL	1902-1943
*ADOLPH HERRMANN	1887-1901	*CHAS. A. WIMPFHEIMER	1902-1934
<i>Honorary Trustee, 1901-1906.</i>		*M. SAMUEL STERN	1903-1910
*HENRY GOLDMAN	1888-1891	*PAUL M. WARBURG	1904-1914
<i>Secretary, 1888-1891.</i>		*JACOB FRANKENTHAL	1905-1910
*LEON MANDEL	1888-1891	*HENRY L. CALMAN	1906-1930
*ISAAC STERN	1889-1910	<i>Second Vice-President, 1917-1919.</i>	
<i>Vice-President, 1896-1906; President, 1907-1910.</i>		*PHILIP J. GOODHART	1907-1933
*MAX NATHAN	1889-1907	<i>Vice-President, 1910-1917; Honorary Trustee, 1933-1944.</i>	
<i>Honorary Trustee, 1907-1922.</i>		MILTON C. HERRMANN	1907-1909
*DAVID WILE	1889-1906	*SAMUEL E. JACOBS	1907-1918
<i>Second Vice-President, 1902-1906.</i>		<i>Honorary Trustee, 1918-1949.</i>	
*DANIEL GUGGENHEIM	1889-1891	SIEGFRIED H. KAHN	1908-1909
*NEWMAN COWEN	1889-1893	*ABRAM N. STEIN	1909-1912
*LEOPOLD WEIL	1889-1903	EDWARD N. HERZOG	1909-1915
<i>Secretary, 1892-1893.</i>		EDGAR A. HELLMAN	1910-1912
*JOSHUA PIZA	1890-1893	<i>Secretary, 1910-1911.</i>	
*SAMUEL STIEFEL	1892-1894	*PAUL GOTTHEIL	1910-1915
*SIGMUND OPPENHEIMER	1892-1894	*EMANUEL VAN RAALTE	1910-1930
*GEORGE BLUMENTHAL	1892-1941	*WILLIAM I. WALTER	1910-1927
<i>Secretary, 1893-1894; Vice-President, 1907-1910; President, 1911-1938; President Emeritus, 1938-1941.</i>		*ALBERT W. SCHOLLE	1910-1916
*JULIUS EH RMANN	1893-1897	EUGENE MEYER, JR.	1911-1920
*MARCUS M. MARKS	1894-1897	*S. HERBERT WOLFE	1911-1921
<i>Secretary, 1894-1896.</i>		<i>Secretary, 1911-1918; Second Vice-President, 1919-1921.</i>	
*ISAAC N. HEIDELBERG	1894-1896	LOUIS J. HOROWITZ	1912-1919
<i>Re-elected, 1899-1914; Honorary Trustee, 1915-1928.</i>		*NORMAN S. GOLDBERGER	1912-1919
*J. HENRY ROTHSCHILD	1895-1897	BERNARD F. GIMBEL	1912-1920
*HENRY F. VEITH	1895-1897	*DANIEL KOPS	1913-1923
*HERMAN MENDEL	1895-1910	E. J. WILE	1915-1922
<i>Honorary Trustee, 1910-1914.</i>		G. F. SULZBERGER	1915-1917
*ALBERT SICHEL	1896-1897	WALTER E. SACHS	1915-1933
<i>Secretary, 1897.</i>		<i>Secretary, 1918-1921.</i>	
*MORRIS S. BARNET	1897-1917	*SIDNEY S. PRINCE	1915-1929
<i>Honorary Trustee, 1917-1921.</i>		<i>Treasurer, 1915-1925.</i>	
*HENRY R. ICKELHEIMER	1897-1905	*MAURICE FRANKFORT	1916-1928
*LOUIS M. JOSEPHTHAL	1897-1904	<i>Second Vice-President, 1921-1928; Honorary Trustee, 1928-1936.</i>	
<i>Secretary, 1897-1902.</i>		*MYRON S. FALK	1916-1945
*MEYER H. LEHMAN	1897-1916	WALTER W. NAUMBURG	1917
<i>Honorary Trustee, 1916.</i>		<i>In office.</i>	
*KALMAN HAAS	1897-1912	MRS. ARTHUR L. CARNS	1917-1920
<i>Honorary Trustee, 1912-1916.</i>		MRS. ALFRED A. COOK	1917
*JOSEPH F. CULLMAN	1897-1938	<i>In office.</i>	
*JOSEPH FOX	1897-1917	ALBERT FORSCH	1919-1949
<i>Honorary Trustee, 1917.</i>		<i>Secretary, 1921-1923; Third Vice-President, 1924-1928; Second Vice-President, 1928-1937; Honorary Trustee, 1949-. In office.</i>	
*WALTER A. SCHIFFER	1897-1898	*BENJAMIN MORDECAI	1919-1943
*ADOLPH LEWISOHN	1898-1938	HERBERT H. LEHMAN	1919-1920
*EMIL S. LEVI	1899-1912	JACK W. SCHIFFER	1920-1928
<i>Second Vice-President, 1907-1910; Honorary Trustee, 1912-1933.</i>			
*MURRY GUGGENHEIM	1901-1907		
*JEFFERSON SELIGMAN	1901-1909		

* Deceased

BENEDICT ERSTEIN	1920-1931	SHELDON R. COONS	1936
*CHARLES KLINGENSTEIN	1920-1936	<i>In office.</i>	
MRS. ROGER W. STRAUS	1920	EDWARD A. NORMAN	1937
<i>Vice-President, 1951. In office.</i>		<i>In office.</i>	
NELSON I. ASIEL	1921	MRS. ARTHUR J. COHEN	1938
<i>Treasurer, 1926-1942; Honorary Trustee,</i>		<i>In office.</i>	
<i>1951-. In office.</i>		ROBERT LEHMAN	1938
MRS. HERBERT H. LEHMAN	1921	<i>In office.</i>	
<i>In office.</i>		JOSEPH F. CULLMAN, JR.	1939
*ERNST ROSENFELD	1921-1937	<i>Treasurer, 1943. In office.</i>	
ARTHUR H. HARLOW	1922-1942	JACOB C. STONE	1940-1945
<i>Secretary, 1928-1938.</i>		GEORGE LEE	1940
*MARTIN BECK	1922-1929	<i>Secretary, 1943-1945;</i>	
*DAVID A. SCHULTE	1922-1947	<i>Vice-President, 1945-1948. In Office.</i>	
*DEWITT MILLHAUSER	1922-1942	HERMAN F. BAERWALD	1940
<i>Secretary, 1924-1928; Third Vice-President,</i>		<i>In office.</i>	
<i>1928-1936.</i>		PHILLIP W. HABERMAN, JR.	1940
*LESTER HOFHEIMER	1922-1934	<i>In office.</i>	
GEORGE B. BERNHEIM	1923	ALFRED RHEINSTEIN	1941
<i>Second Vice-President, 1938-1945; President,</i>		<i>In office.</i>	
<i>1945-1948; President Emeritus, 1948.</i>		JOSEPH KLINGENSTEIN	1941
<i>In Office.</i>		<i>Third Vice-President, 1944-1945; Vice-Presi-</i>	
*ALFRED JARETZKI	1923-1925	<i>dent, 1945. In office.</i>	
*WALDEMAR KOPS	1924-1945	SAMUEL S. SCHNEIERSON	1941
<i>Third Vice-President, 1936-1937; Second Vice-</i>		<i>In office.</i>	
<i>President, 1937-1938; First Vice-President,</i>		RICHARD GOLDSMITH	1942
<i>1938-1944; President, 1944-1945.</i>		<i>Secretary, 1945-1948;</i>	
*HENRY F. WOLFF	1925-1935	<i>Vice-President, 1948-1948. In Office.</i>	
*MRS. ARTHUR LORSCH	1926-1928	HORACE S. MANGES	1942
LOUIS W. ABRONS	1928	<i>In office.</i>	
<i>In office.</i>		IRA A. SCHUR	1943
*EDWIN M. BEROLZHEIMER	1928-1941	<i>Assistant Treasurer, 1945-1948;</i>	
*FRED H. GREENEBAUM	1928-1932	<i>Associate Treasurer, 1948. In Office.</i>	
LEONARD A. HOCKSTADER	1928	ALBERT L. BAUM	1944
<i>In office.</i>		<i>In office.</i>	
*ARTHUR LORSCH	1928-1941	*CHARLES A. RIEGELMAN	1944-1950
HENRY MORGENTHAU, JR.	1928-1930	<i>Vice-President, 1948.</i>	
*ELI WINKLER	1929-1930	LOUIS I. DUBLIN	1944-1948
DAVID SARNOFF	1929-1936	*MAURICE WERTHEIM	1945-1950
*DR. S. S. GOLDWATER	1929-1933	ANDRE MEYER	1945
H. WALTER BLUMENTHAL	1930-1947	<i>In office.</i>	
HAROLD D. WIMPFHEIMER	1930-1952	LEWIS S. ROSENSTIEL	1946
MRS. WALTER A. HIRSCH	1932	<i>In office.</i>	
<i>In office.</i>		JAMES FELT	1947
PAUL M. ROSENTHAL	1932-1945	<i>Vice-President, 1951. In office.</i>	
<i>Secretary, 1938-1942.</i>		*JOSEPH S. RECKFORD	1947-1949
WALTER S. MACK, JR.	1933-1952	RICHARD DEUTSCH	1947-1952
MRS. GEORGE BACKER	1933-1937	MAX ABRAMOVITZ	1947
ALFRED L. ROSE	1933	<i>In office.</i>	
<i>Vice-President, 1945-1948; President, 1948.</i>		DAVID M. HEYMAN	1949-
<i>In Office.</i>		<i>In office.</i>	
EDWIN C. VOGEL	1935	FREDERICK D. FORSCH	1950-
<i>In office.</i>		<i>In office.</i>	
CARL J. AUSTRIAN	1935	HENRY A. LOEB	1950-
<i>In office.</i>		<i>In office.</i>	
LEO GOTTLIEB	1935	WILLIAM E. ARNSTEIN	1950-
<i>Third Vice-President, 1937-1944;</i>		<i>In office.</i>	
<i>Vice-President, 1948. In Office.</i>		ROBERT BENDHEIM	1950-
EDWIN I. MARKS	1936	<i>In office.</i>	
<i>In office.</i>		WILLIAM D. SCHOLLE	1952-
CARL H. PFORZHEIMER, JR.	1936	ROBERT K. HAAS	1952-
<i>Secretary, 1942-1943; 1948. In Office.</i>		WILLIAM J. KRIDEL	1952-
		HAROLD C. MAYER	1952-
		MURRAY M. ROSENBERG	1952-

* Deceased

SUPERINTENDENTS AND DIRECTORS SINCE 1855

SUPERINTENDENTS — DIRECTORS †

1855-1866	*JULIUS RAYMOND
1867-1875	*G. SCHWARZBAUM
1876-1878	*LEOPOLD B. SIMON
1879-1892	*THEODORE HADEL
1892-1899	*LEOPOLD MINZESHEIMER
1899-1904	*S. L. FATMAN
1903-1928	*S. S. GOLDWATER, M.D.
1928-1948	JOSEPH TURNER, M.D.
1948-	MARTIN R. STEINBERG, M.D.

ASSOCIATE DIRECTORS

1927-1928	JOSEPH TURNER, M.D.
1948-1948	MARTIN R. STEINBERG, M.D.
1950-1951	JULIEN PRIVER, M.D.
1952-	SIDNEY M. SAMIS, M.D.

ASSISTANT SUPERINTENDENTS — ASSISTANT DIRECTORS †

1892-1892	*LEOPOLD MINZESHEIMER
1896-1902	*GUSTAVE ABRAMS
1902-1903	*S. S. GOLDWATER, M.D.
1903-1904	*SOLON J. RIESER
1905-1908	SIDNEY E. GOLDSTEIN
1908-1909	*D. M. BLOOM, M.D.
1910-1915	H. J. MOSS, M.D.
1914-1915	A. J. BELLER, M.D.
1915-1916	*EMANUEL GIDDINGS, M.D.
1916-1919	HERMAN SMITH, M.D.
1918-1919	*SIMON TANNENBAUM, M.D.
1919-1920	LEOPOLD BRAHDY, M.D.
1920-1926	E. M. BLUESTONE, M.D.
1922-1927	JOSEPH TURNER, M.D.
1926-1927	J. J. GOLUB, M.D.
1927-1937	STEPHEN MANHEIMER, M.D.
1927-1934	LOUIS MILLER, JR.
1934-1941	J. A. KATZIVE, M.D.
1935-1939	JANDON SCHWARZ, M.D.
1937-1938	M. A. GREEN, M.D.
1938-1945	MAXWELL S. FRANK, M.D.
1940-1946	MORRIS H. KREEGER, M.D.
1941-1947	DAVID H. ROSS, M.D.
1945-1948	MARTIN R. STEINBERG, M.D.
1946-1950	JULIEN PRIVER, M.D.
1948-1952	SIDNEY M. SAMIS, M.D.
1949-	HARRY MARKOWITZ, B.S.
1950-1952	WILLIAM L. AGRESS, B.A.
1951-	JACK RUTHBERG, M.D.

* Deceased

† Title changed to Director and Assistant Director in 1917

GRADUATES OF THE HOUSE STAFF

Prior to 1884

*Mark Blumenthal
*F. Tilden Brown
*R. M. Cramer
*R. B. Coleman
*D. H. Davison
*William L. Estes

*Benson M. Feldman
*Albert Fridenberg
*David Froelich
*Alfred Meyer
*J. R. Nilsen
*R. Offenbach

*S. Rapp
*J. M. Rice
*J. Rudisch
*John Van Der Poel
Julius Weiss

House Surgeons

1884 *James L. Shiland
*Walter Hitchcock
1885 *J. Clark Steward
*Herman J. Schiff
1886 *F. C. Husson
*Alfred N. Strouse
1887 *William H. Wilmer
*H. S. Stark
1888 Guy C. Rich
*Howard Lilienthal
1889 *L. J. Ladin
George B. Cowell
1890 Samuel L. Weber
A. D. Mewborn
1891 *Southgate Leigh
*David B. Lovell
1892 *Edw. C. Sternberger
1894 *George L. Brodhead
*S. M. Brickner
1894 *Martin W. Ware
Thomas T. Tuttle
1895 *Charles A. Elsberg
*Nathan Breiter
*J. Ralston Lattimore
1896 *Albert A. Berg
*William H. Luckett
1897 *Charles Goodman
J. B. Morrison
1898 *Harry Rodman
*Walter M. Brickner
1899 Sidney Ulfelder
*L. W. Allen
1900 *Leo B. Meyer
*Eugene H. Eising
1901 M. Thorner
Truman Abbe
1902 *Edwin Beer
Major G. Seelig
1903 *Meyer M. Stark
*Robert T. Frank
Eli Moschowitz

1904 D. Lee Hischler
Albert G. Swift
Fred H. MacCarthy
*C. F. Jellinghaus
1905 *Sol. Hyman
*Isadore Seff
William J. Haber
Horace Leiter
1906 C. Morris Hathaway
*Milton Bodenheimer
Ernest Sachs
Solomon Wiener
1907 Orville H. Schell
Eben Alexander, Jr.
*Aims R. Chamberlain
Harold Neuhoof
1908 John C. A. Gerster
Abraham Hyman
Isidor C. Rubin
1909 *Howard E. Lindeman
Herbert D. Manley
Fred G. Oppenheimer
1910 *Abraham O. Wilensky
*Charles Ryttenberg
Benjamin F. May
George Bachr
*Samuel H. Geist
1911 Louis Greenberg
Philip Liebling
*Irving Simons
Leo Mayer
1912 Herman Jaffe
Sidney Cohn
Isidor Kross
Julius Blum
1913 Abraham J. Beller
*Oscar Baumann
*Jesse D. Schwartz
Ira Cohen
1914 *Heyman R. Miller
C. Koenigsberger

*Edward Bleier
Abraham Strauss
1915 Ralph M. Bruckheimer
Sol. Shlimbaum
Paul W. Aschner
Nathan Rosenthal
*John F. Grattan
1916 Joseph A. Landy
Adolf A. Weiss
Waldemar R. Metz
1917 Harry C. Saltzstein
David M. Natanson
*Max D. Mayer
Leo Edelman
1918 *Eugene Klein
Louis Carp
Samuel Kahn
Julius Gottesman
Leopold Brahdry
1919 Herman Sharlit
Lewis T. Mann
Morris A. Goldberger
*Emanuel Salwen
Joseph A. Lazarus
Barney M. Kully
*Henry S. Fischer
*Jerome M. Ziegler
1920 Leo J. Hahn
Rudolph Kramer
*Samuel Hirshfeld
Max Schneider
*Harold L. Meierhof
Nathan Sobel
1921 Laurence Jones
William Harris
Martin A. Furman
L. Mason Lyons
Sylvan D. Manheim
Joseph B. Stenbuck
1922 Joseph M. Marcus
Samuel Silbert

* Deceased

House Surgeons

(Continued)

	Percy Klingenstein	1928	Sidney Grossman		Alan N. Leslie
	Joseph S. Somberg		William H. Mencher		Gabriel P. Seley
	Henry Milch		William Leifer	1937	Leon G. Berman
	Samuel Gaines		Sidney Hirsch		Herman R. Nayer
1923	Benjamin N. Berg	1929	Monroe A. Rosenbloom		Ralph W. Flax
	Julian B. Herrmann		Robert L. Craig		Robert C. Eliot
	Arthur H. Aufses		Lester R. Tuchman		Nathan Mintz
	Louis Kleinfeld		Ameil Glass	1938	Jules L. Whitehill
	Saul S. Samuels	1930	Isidore Schapiro		Vernon A. Weinstein
	Edwin A. Seidman		William L. Ferber		Abner Kurtin
1924	*Seth Selig		*Maurice M. Berck		Sylvan Bloomfield
	David Warshaw		Lyon Steine		Leonard S. Bases
	Seymour Wimpfheimer	1931	Borris A. Kornblith		Leon N. Greene
	Sidney Friedman		Herbert S. Talbot	1939	Nathan Adelman
	Elias L. Stern		Samuel H. Klein		Joseph M. Silagy
	Gordon D. Oppenheimer		*Erwin K. Gutmann		Emanuel Wachtel
1925	Robert K. Lippmann	1932	Joseph A. Gaines		Samuel Diener
	Edward A. Horowitz		William Sheinfeld		Alexander Thomas
	Robert H. Feldman		Perry S. Horenstein		Bernard S. Wolf
	Martin Schreiber		H. Evans Leiter	1940	Elliott S. Hurwitt
	Leon Ginzburg	1933	Abraham J. Gitlitz		Bernard E. Simon
	Irving A. Frisch		Alexander H. Rosenthal		Gerson J. Lesnick
1926	*A. Philip Zemansky, Jr.		Meyer Abrahams		Herbert M. Katzin
	Edward O. Finestone		Sidney Rosenburg		Rudolph E. Drosd
	Mayer E. Ross				William I. Glass
	Edward J. Bassen	1934	Jacob S. Goltman	1941	Leon M. Arnold
	Samuel Mufson		Leonard J. Druckerman		David Miller
	*Clarence K. Weil		Albert J. Schein		Daniel Luger
1927	Ernest E. Arnheim		Emanuel Klempner		Norman Rosenberg
	Walter F. Welton	1935	Edward E. Jemerin		Ernest L. Sarason
	Hyman Rosenfeld		Herman J. Meisel		Roy N. Barnett
	Arthur S. W. Touroff		Irving A. Sarot		Alvin I. Goldfarb
	Moses Swick		Paul A. Kaufman	1942	George J. Sabrin
	Abraham Firestone	1936	Sidney M. Silverstone		Lester Narins
					Norman Simon

House Physicians

1884	Edward Burns	1891	*Fred S. Mandlebaum	1901	*I. W. Becker
	*Charles H. May		*H. P. Palmer		*Herman Schwarz
1885	Arthur B. Coffin	1892	*E. C. Levy	1902	*Edward A. Aronson
	*Josephine Walter		Percy H. Fridenberg		*Milton Gerschel
	*Charles F. Mason	1893	*Harry A. Cone	1903	*Herbert L. Celler
1886	*E. L. H. Swift	1894	*W. Jarvis Barlow		*Alfred Fabian Hess
	*Edward J. Ware	1895	*Sidney Yankauer		David Kramer
1887	*Charles G. Giddings	1896	*Emanuel Libman	1904	Bernard S. Oppenheimer
	*Abraham Korn		William P. Loth		Arthur Bookman
1888	*E. H. Walsh	1897	Herman B. Baruch		*H. F. L. Ziegel
	*H. E. Sanderson		Sidney V. Haas		Louis Bauman
1889	*Simon D. Elsner	1898	Louis Hauswirth	1905	George W. T. Mills
	G. L. Nicholas	1899	*William G. Exton		*Samuel Feldstein
1890	R. H. Cunningham		*A. F. Foord		*Gustav A. Fried
	*Max Jackson	1900	Israel Strauss		*Leo Kessel

* Deceased

House Physicians

(Continued)

1906	Julius J. Hertz	1919	Morris Brooks	1928	Elmer S. Gais
	*Jesse G. M. Bullowa		Jerome L. Kohn		Abraham L. Kornzweig
	Julian J. Meyer		Asher Winkelstein		*John Cohen
	Max Taschman		Edward Hollander		Samuel H. Averbuck
1907	Alfred E. Cohn		Irving R. Roth		Joseph Uttal
	*Louis Jacobs		Abraham Kardiner	1929	Herman Zazecla
	*Louis G. Kaempfer		Kaufman Wallach		Alfred Romanoff
	*Walter J. Highman	1920	Ira M. Olsan		Solomon Silver
1908	*Jacob Wisansky		Charles Green		Samuel Melamed
	*Abraham E. Jaffin		Leo Loewe	1930	William J. Hochbaum
	Albert A. Epstein		*Philip Finkle		Shirley H. Baron
	Max Scheer		Edward Lehman		Sylvan E. Moolten
1909	Abraham Sophian		Harry D. Pasachoff		Arthur Schiffrin
	*Joseph Rosenthal	1921	Morris J. Lavine	1931	*Herbert M. Klein
	*Maurice T. Munker		Saul A. Ritter		Rose Spiegel
	Murray H. Bass		*Benj. B. Eichner		Arthur R. Sohval
1910	Bernard H. Eliasberg		*Philip Astrowe		Robert V. Sager
	Burrill B. Cohn		Frederic D. Zeman	1932	Albert B. Newman
	*Milton Hahn		*Alton M. Amsterdam		William M. Hitzig
	Richard H. Hoffmann	1922	Nathan Muskin		Herman S. Roth
1911	Harry Wessler		*Sydney C. Feinberg		Frederick Bridge
	Nathaniel Barnett		Samuel Z. Levine	1933	Saul Jarcho
	*H. W. Emsheimer		David Gaberman		J. Edward Stern
	*Hiram Olsan		David Soletsky		Hyman Levy
1912	*Salo N. Weber		Leon Ginzburg		Harry L. Jaffe
	*Morris H. Kahn	1923	Samuel Rosen	1934	Abraham Penner
	*Abraham Zingher		Samuel Rosenfeld		Frederick H. Theodore
	Meyer Rosensohn		Arthur M. Master		D. Alfred Dantes
1913	*Alexander Hofheimer		Louis Hodes		Israel Schiller
	*Jacob Sachs		Philip Cohen	1935	Sheppard Siegal
	Edward Mahler		William S. Collens		*Benjamin Rubin
	*Daniel Poll	1924	Roland I. Grausman		Milton Mendlowitz
1914	Arthur S. Rosenfeld		*Alfred M. Goltman		Henry Dolger
	Maurice F. Lautman		Coleman B. Rabin	1936	Morton W. Willis
	*John L. Kantor		Ephraim Shorr		Morris F. Steinberg
	Louis H. Levy		*Robert K. Lambert		Samuel Nisnewitz
1915	*A. I. Loewenthal		David Ball		Edward R. Schlesinger
	David Beck	1925	*Leon Goldsmith	1937	Sidney L. Penner
	Louis G. Shapiro		Benjamin Eliasoph		Eugene Somkin
	Jacob Pillar		Richard M. Brickner		Edgar A. Baron
1916	Willard D. Mayer		Harold A. Abramson		Morton Yohalem
	Lester J. Unger		Alfred E. Fischer	1938	Max Ellenberg
	Ernst P. Boas		Harry I. Weinstock		Samuel C. Bukantz
	Joseph Harkavy	1926	Harry Schwartz		S. Zelig Sorkin
1917	*Harry Plotz		J. Lester Kobacker		Robert A. Newburger
	Charles G. Giddings, Jr.		Nathan Cherwin		Ralph E. Moloshok
	*Louis Berman		Harry S. Mackler		Sydney G. Margolin
	William Rosenson		Joseph Laval	1939	Milton Landowne
1918	Joseph Felsen	1927	David Wexler		Irving A. Beck
	William Friedman		A. L. Goldwyn		Irving Solomon
	Max Harrison		William J. Bearman		Herman Anfanger
	Reuben Steinholz		Ameil Glass		Sidney Cohen
	Harold T. Hyman		Milton J. Matzner		*Emanuel B. Schoenbach
	Louis Hausman		Jacob E. Holzman	1940	Daniel Stats

* Deceased

House Physicians

(Continued)

Clifford L. Spingarn	1941	Selvan Davison	Maurice Franks
Arthur W. Seligmann, Jr.		George L. Engel	Henry D. Janowitz
Mary C. Tyson		Merrill P. Haas	John B. DeHoff
Alvin J. Gordon		Frank L. Engel	1942 *Herman L. Jacobius
*Samuel S. Dorrance		Bernard M. Schwartz	Jonas E. Salk

Rotating Interns

1942 †Samuel L. Feder		†Morton Ziskind	Edward H. Roston
†Robert M. Heavenrich		Jerome S. Beloff	David L. Rubinfine
†Mortimer B. Hermel	1944	Robert M. Berne	Bert L. Vallee
†Maurice J. Keller		Emanuel S. Cohen	William I. Weiss
Morley J. Kert		Relvert J. Coe	1946 Stuart S. Asch
Irving G. Kroop		†Clarence Denton	Irving Baras
†Nathaniel B. Kurnick		Richard B. Drooz	Philip S. Bergman
Robert Landesman		†Murry G. Fischer	Mortimer J. Blumenthal
†Harvey K. Mechanik		Joseph Freeman	William R. Dorrance
Edward Meilman		Kenneth M. Gang	Mark Eisenbud
Irving Pavlo		Gilbert H. Glaser	Aaron D. Freedman
†Jonas Sirota		†Avram S. Goldstein	Bennett L. Gemson
*Stanley J. Snitow		†Robert J. Grayson	Benedict R. Harrow
†Stephen B. Yohalem		Sumner Hagler	Donald S. Kent
1943 †Charles H. Altschuler		Stanley R. Lee	Herbert S. King
Marvin Blum		Dora S. Levine	Alan L. Klein
†Morton S. Bryer		(6 months)	Victor C. Lazarus
Daniel Burdick		Matthew O. Locks	Howard S. Miller
†Chester Cassel		Robert A. Nabatoff	Joseph M. Miller
David A. Dreiling		Jack Orloff	Elijah M. Nadel
†Frederick Epstein		†Ira Rashkoff	Renee B. W. Papper
†Stefan S. Fajans		Eli Robins	Leo G. Parmer
Jacques L. Gabrilove		Norman Rosenthal	George Robinson
Daniel Giddings		Seymour E. Rosenthal	Donald J. Rosenthal
Stanley L. Glickman		Irene Shapiro	Martin C. Rosenthal
Theodore Gold		†Edward A. H. Swift	*Leonard J. Sagal
†Harold M. Goldstein		Sidney P. Zimmerman	Herbert Sandick
†Lawrence I. Kaplan	1945	Bernard Becker	Louis E. Schaefer
Leo D. Kellerman		Sidney Berman	Stanley L. Slater
Paul A. Kirschner		Kurt Elias	Myron E. Steinberg
Samuel R. Klibanoff		Marshall Freedman	Gene H. Stollerman
Hyman J. Levine		Janet Greenberg	Louis B. Turner
†Arthur W. Ludwig		Ezra M. Greenspan	Robert S. Wallerstein
†Sidney R. Michael		Sidney A. Haber	Diana Zingher
†Mervin G. Olinger		David E. Haft	1947 Mortimer E. Bader
†Daniel F. Richfield		Sumner Kaufman	Richard A. Bader
†Bernard Robinson		Joseph Kolker	Martin L. Beller
†Bernard R. Rowen		Maxwell H. Kolodny	Sanford G. Bluestein
Harvey Sirota		Marvin F. Levitt	Stanley R. Drachman
†Hilliard Spitz		Adrian L. Lubby	Leon Eisenberg
†Leon Star		Leonard L. Madison	Samuel K. Elster
†Leonard Stone		Solomon Papper	Jeanette Ettinger
Abraham L. Umansky		Irving H. Parnes	Saul A. Frankel
†Irving Wolfson		Naomi deSola Pool	Harold Gabel
†Robert Zimmerman		Alan J. Rosenberg	Norman P. Goldstein

* Deceased

† Internship interrupted to answer call to Armed Forces

Rotating Interns

(Continued)

	Daniel S. Kushner		David J. Hamerman		Solomin I. Griboff
	Joseph Leighton		Avrum L. Katcher		Stuart I. Gurman
	Melville G. Magida		Stanley L. Kogut		Hillard W. Himes
	Howard L. Moscovitz		David L. Krohn		Lester B. Hollander
	Arnold B. Scheibel		Harvey Kugler		Jonah D. Kosovsky
	Edward Schulman		Leslie A. Kuhn		Ernest L. Levinger
	Lawrence I. Schwartz		Sherman Kupfer		Ira J. Levy
	Robert Seely		Martin Kurtz		Isaac Lewin
	Franklin H. Streifeld		Daniel J. Nathan		Gordon R. Meyerhoff
	Joseph S. Wallace		Joseph G. Parker		Donald I. Meyers
	Daniel H. Welner		Paul L. Schoenberg		Emanuel Peterfreund
1948	Edward Adelson		Chester J. Semel		Arnold B. Ritterband
	Richard M. Alexander		Harry R. Shinefield		Robery L. Samilson
	Stanley B. Braham		Harold M. Unger		Herman A. Schwartz
	Edward B. Crohn	1950	Albert Altchek		Max G. Sherer
	Arthur W. Epstein		Harold Bernhard		Martin Silbersweig
	Arthur E. Falk		Marvin R. Blumenthal		William J. Silverberg
	Stanley K. Gordon		Gerald Brill		Marvin W. Sinkoff
	Esther Haar		Morris Brozovsky		Edward Tamler
	Harris E. Karowe		James L. Eliasoph	1952	Paul S. Barr
	Louis C. Lasagna		Daniel S. Feldman		Lawrene Berger
	Henry H. Ludemann		Robert A. Gerber		Saul A. Boruchoff
	Donald L. Mahler		Samuel Goldfein		Elaine T. Bossak
	Esar G. Margolin		Herbert L. Goodman		Anthony Donn
	Harold M. Nitowsky		Archie Handler		Ezekiel Freed
	Robert O. Oseasohn		Grace G. Herman		Albert L. Freedman
	Sanford Pariser		Howard Horner		Howard Grossman
	Murray B. Pincus		Donald M. Kanter		Klaas P. Honig (10 mos.)
	Bruce L. Ralston		Jacob Katz		Arthur I. Hutner
	Ira S. Rubenstein		Lewis E. Lipkin		Solomon Kaplan
	Philip Samet		Dorothy T. Marks		Jacob Kirshner
	Samuel O. Sapin		Leonard J. Robinson		Burton I. Korelitz
	Robert L. Segal		Murray Z. Rosenberg		Samuel H. Madell
	Peter S. Tolins		Sidney S. Schreiber		Harvey Mendelow
1949	George S. Berg		Martin H. Sternstein		Robert I. Newman
	Alfred J. Bollet		Robert M. Sturman		Joseph K. Perloff
	Ruth E. Cortell		Richard H. Thurm		John D. Rainer
	Joseph H. Dashefsky		Alan S. Zisman		Kenneth Roth
	Mayer Fisch		Donald K. Adler		Miles J. Schwartz
	Gladys A. Fish	1951	Gerald Besson		Eric Schweiger
	Edwin L. Garlett		Bernard Goldberg		Eleanor Z. Wallace
	Stanley E. Gitlow		Martin Goldberg		Richard R. P. Warner
	Robert A. Green		William Goldfarb		J. Lawrence Werther
	Melvin M. Grumbach				

One-Year Interns and Externs

1898	L. A. S. Bodine		J. Howard Staub		Isadore Kaufman
	W. M. Lazard		Leon Bandler	1907	B. Rein
1899	E. A. Rosenber	1901	*Eugene P. Bernstein		*Edgar D. Oppenheimer
	E. D. Lederman	1902	*S. S. Goldwater		P. Fiaschi
	*A. W. Roff	1906	Kaufman Schlivek		Jerome S. Leopold
1900	Edward J. Miller		*Isadore Goldstein	1908	*Wm. I. Wallach
	*Charles E. Rosenwasser		*William Branower		M. Reuben

* Deceased

One-Year Interns and Externs

(Continued)

1909	M. C. Pease, Jr. Michael Barsky H. C. Fleming *E. W. Abramowitz William Lapatnikoff E. M. Carson I. Shapiro Jacob Roemer	1917	M. Varzahbedian *H. Martinson A. Jerskey Louis Nahum J. J. Wiener B. E. Strode A. Altschul Samuel K. Levy		Harry Keil Clement H. Golden Henry A. Baron Sidney Housman Charles Sutro Herbert Lampert Nathan H. Sachs
1910	Charles Gluck Mark Cohen Jerome Zuckerman Charles Gottlieb *Hugo Blum William Thalhimier Clarence Brown *Ralph H. Goss	1920	Leon Antell W. Sellinger M. J. Radin Max Dobrin Jacob Branower *Harold Rypins D. S. Dann	1931	Hyman Lieber Edward B. Greenspan Harry Yarnis Henry Peskin Robt. H. Abrahamson Ralph T. Levin Max L. Som Bernard Amsterdam
1911	D. Tannenbaum Arthur J. Bendick *J. J. Fabian Harry G. Goldman Harold A. Cohen *Samuel Wetchler *Samuel Silverman Abraham J. Newman Saul Levy	1923	S. S. Lichtman *M. Biederman	1932	David R. Levine Bernard Amsterdam Samuel A. Feldman Sidney E. Lenke Irving Kowaloff Alice I. Bernheim *Charles J. Sage Carl Zelson
1912	Carl C. Franken	1924	M. L. Guttmacher Max Brahdy Isabel Beck Wm. B. Rose *Jacques M. Lewis		F. J. de Prume Benjamin I. Allen Benson Calef Simon Dack Edward Greenberger Harold W. Keschner Arnold Treitman Fred R. Schechter Robert Ullman I. Oscar Weisman
1913	S. Aronowitz Oscar L. Levin A. Levy *Marcus A. Rothschild M. Lobsenz H. L. Sherman T. Halpern D. H. Bluestone S. Genovese	1925	Julius Kavee Gertrude Felshin	1933	Benjamin I. Allen Benson Calef Simon Dack Edward Greenberger Harold W. Keschner Arnold Treitman Fred R. Schechter Robert Ullman I. Oscar Weisman
1914	C. G. Ratner *J. S. Meltzer W. Rosen *A. Unger A. Mendelson J. Sinkowitz I. Pelzman J. Haimann	1926	Emanuel W. Benjamin Eli Y. Shorr Harry Weiss Sidney D. Leader Paul S. Roland Walter Bromberg Ben Z. Steine Hudythe M. Levin Moses R. Buchman S. I. Kooperstein Herman Slass		Meyer Emanuel Ralph W. Flax Sidney L. Gottlieb David Littauer M. Edward Hipsh Charles W. Rieber Louis M. Rosati Jandon Schwarz Albert D. Kistin Vernon A. Weinstein Morris M. Kessler William Finkelstein Herman I. Kantor Jean Pakter William Epstein M. Edward Hipsh *Samuel B. Weiner
1915	D. Kronman I. W. Jacobs A. Brody *J. L. Furst M. A. Sager L. L. Roth *J. A. Rosenberg Joseph Reiss *J. Rosenfeld I. Rosen	1927	Harry Weiss Sidney D. Leader Paul S. Roland Walter Bromberg Ben Z. Steine Hudythe M. Levin Moses R. Buchman S. I. Kooperstein Herman Slass	1934	Meyer Emanuel Ralph W. Flax Sidney L. Gottlieb David Littauer M. Edward Hipsh Charles W. Rieber Louis M. Rosati Jandon Schwarz Albert D. Kistin Vernon A. Weinstein Morris M. Kessler William Finkelstein Herman I. Kantor Jean Pakter William Epstein M. Edward Hipsh *Samuel B. Weiner
1916		1928	Murray A. Last P. Goolker William Chester J. Fuhrman Heinrich Isabel Globus S. P. Carp Sidney D. Leader Harry Rosenwasser Harry Feld	1935	Simon H. Nagler Samuel M. Bloom Max Ellenberg Jean Pakter
		1929	George Frumkes Michael C. Kemelhor Louis Schneider Saul Miller Bernard S. Brody Marcy L. Sussman David Beres		
		1930	Harold A. Abel Charles K. Friedberg		

* Deceased

Interns and Residents in the Laboratories

1911	Daniel Poll		Joseph M. Silagy		Bernard R. Rowen
1912	Louis H. Levy		Alexander Thomas		Jacob Dyckman
1913	Paul W. Aschner	1937	Bernard S. Wolf	1949	Norman Alisberg
1914	*Harry Plotz	1938	Tibor J. Greenwalt		Henry D. Shapiro
1915	William Rosenson		Daniel Luger		Kuang-Chao Wang (6 months)
1916	Julius Gottesman	1939	Roy N. Barnett		Nathan Lane, Jr.
1917	Lewis T. Mann		Merrill P. Haas		Donald S. Kent (6 months)
1918	Martin Vorhaus	1940	Robert Landesman		Franklin H. Streitfeld (6 months)
1919	Maurice Rashbaum		Irving G. Kroop		Daniel S. Kushner (6 months)
1920	Percy Klingenstein	1941	Daniel Burdick	1950	Bao-jen Chern (6 months)
1921	Saul S. Samuels		Jacques L. Gabrilove		Albert H. T. Lin (6 months)
1922	Sol. S. Lichtman		Robert V. Bachman (6 months)		Alfred A. Pomeranz (6 months)
1923	Martin Schreiber		Charles Chesner (6 months)		Daniel L. Weiss (6 months)
1924	Lionel S. Auster	1942	Richard H. Marshak (6 months)	1951	Archie Handler
	*Clarence K. Weil		Ingrid Stergus		Sumner Holtz
1925	Abraham Firestone	1943	Lotte Strauss		Daniel S. Kushner (6 months)
1926	William Leifer		Frederick G. Zak		Edward Schulman (6 months)
	* Alfred Romanoff	1944	Bert L. Vallee		Franklin H. Streitfeld (6 months)
1927	Irving Nachamie		Adrian L. Luhby		Hillard W. Himes (6 months)
	S. David Glusker	1945	Eugene R. Studenski	1952	Lewis Brooks
1928	Henry H. Lichtenberg		Luis Gonzales-Cuzan		Robert A. Gerber
	Arthur Schiffrin	1946	Benjamin Shorr		Rene Jahiel
1929	Reuben Cares		W. Harold Civin		Lewis E. Lipkin
	Harry Moss	1947	Burton Levine		Galli Safrin
1930	Harold A. Aaron		Edward B. Crohn (10 months)		Robert D. Seely
	Victor H. Kugel		Robert L. Feldman (6 months)		Gopal V. Tavalkar
1931	Sidney E. Lenke	1948	Robert H. Manheimer		
	Jacob S. Goltman		Mervin G. Olinger		
1932	Sidney Lich		Harold S. Arai (6 months)		
1933	Milton Mendlowitz		Boris Gueft		
	Irving A. Sarot		Chester Cassel		
1934	Leon G. Berman				
	*Milton Steiner				
1935	Samuel C. Bukantz				
	Nathan Mintz				
1936	Nathan S. Hiatt				

Interns in Dentistry

1933	Marvin G. Freid		Robin M. Rankow		Chester R. Rackson
	Herbert L. Goodwin	1942	†Melvin L. Morris		Herbert S. Remnick
1934	Henry I. Cohen		Jack S. Klatell	1949	Irwin S. Robinson
	Harry A. Suslow	1943	Jerome S. Klaif (8 months)		Joseph R. Stein
1935	Louis Kroll		Ira S. Colby		Peter E. Stern
1936	Robert S. Gilbert		Robert Gottsegen	1950	Mortimer Stone
	Manuel Gottlieb	1944	Leonard H. Hirschfeld		Marvin E. Pizer
1937	Ben Pine		Hannon Tuttleman (7 months)		Harvey L. Small
	Robert W. Sabin	1946	Frank Blauhut	1951	Martin S. Weg
1938	Robert S. Hess		Leo Stern, Jr.		Ernest Baden
	Lee R. Kulick	1947	Dennis Berger		Harold Brooks
1939	Manuel Burness		Morris Dicker		Stanford Harris
	Alfred R. Shepard	1948	Raymond Kotch	1952	David H. Katz
1940	Lester H. Sablow		Jerome S. Mittelman		Stanley A. Busch
	Henry Ellison				A. Norman Cranin
1941	Leon Eisenbud				David Greene
					Walter S. Moch

* Deceased

† Internship interrupted to answer call to Armed Forces

RESIDENT STAFF

Private and Semi-Private Pavilions

Surgery

1905	Albert G. Swift	Edward Jacobs		Robert W. Mann	
1906	*Edwin A. Riesenfeld	Myron A. Sallick		Jerome S. Coles	
1907	*Milton Bodenheimer	David Sloane	1940	Leon J. Taubenhaus	
1908	*William Branower	1929	Jacob J. Enkelis	*Nathaniel C.	
1909	Eben Alexander, Jr.		Samuel S. Hanflig	Schlossmann	
	Harold Neuhof		Robert I. Hiller	Bernard Friedman	
1910	Abraham E. Jaffin		Bernard D. Kulick	Earl M. Edison	
1911	J. C. Wooldridge	1930	Samuel Imboden	Albert S. Lyons	
	*A. O. Wilensky		Samuel P. Suffin	1941	Marvin P. Rhodes
1912	*J. Irving Fort		Eske H. Windsberg		David Brezin
1913	J. W. Brennan	1931	Sidney Rosenberg		Benjamin Greenspan
	J. E. King		Henry A. Baron		Seelig Freund
1914	A. J. Beller		Lyon Steine		Theodore A. Fox
	H. E. Schorr	1932	David A. Susnow		Ralph Friedlander
1915	*Jesse D. Schwartz		Joseph Tomarkin		Leon M. Arnold
	*Edward Bleier		*Erwin K. Gutmann		(8 months)
1916	*H. S. Marcle		Meyer Corff		Heinz Lippmann
1917	Sol Shlimbaum	1933	Joseph Tartakoff	1942	Harry L. Dein
	J. Ramser Crawford		Robert Turell		Mark E. Fox
	Joseph A. Landy		Perry S. Horenstein		Irving H. Itkin
	Adolf A. Weiss	1934	H. Evans Leiter		David Miller
1918	David M. Natanson		Robt. H. Abrahamson		William I. Glass
1919	*Max D. Mayer		Arthur J. Harris		Maurice S. Harte
	G. D. Von Deylen	1935	Meyer Abrahams		Selig Strax
	Milton S. Fine		Zachary R. Cottler	1943	Lawrence A. Gardy
1920	William A. Flick		Albert M. Schwartz		Norman Rosenberg
	Thomas J. Sullivan		Jerome Gross		George Schreiber
	Joseph Lazarus		Anthony Kohn		Thomas Wilensky
1921	Arnold Messing		Leonard J. Druckerman		†Max Feinberg
	Paul S. Lowenstein	1936	Leo H. Pollock		Wolf Elkan
1922	Joseph Heyman		Seebert J. Goldowsky		Herbert Hershey
	L. W. Pritchett		Edward E. Jemerin		†Harvey P. Kopell
1923	Benjamin Kogut		Irwin P. Train		(6 months)
	Edward Lorentzen	1937	Ernest D. Bloomenthal	1944	Aaron J. Gissen
	Samuel Gaines		Aaron Prigot		Bernard Gottfried
1924	Seymour F. Wilhelm		Meyer L. Goldman		Stanley J. Sarnoff
	Ernst Springer		Louis Scheman		(6 months)
	Abram A. Weiss		Leon M. Caplan		David Zakin
	A. J. Sparks		Sigmund A. Siegel	1945	(6 months)
	Elias Rubin		Gabriel P. Seley		Masako Akimoto
1925	*Franklin I. Harris		Julian A. Jarman		Robert Lowenberg
	George S. Lachman	1938	Philip Cooper		Sayed A. Sabeti
	Elias L. Stern		Ralph W. Flax		Frank Sainburg
	N. H. Blumenkranz		Lawrence Essenson		†Alfred B. Stich
1926	Norman F. Laskey		Benjamin Gitlitz		(7 months)
	Samuel Hochman		H. Earle Tucker	1946	Jane Auer
	Edward O. Finestone	1939	Arthur Gladstone		David J. Lehman, Jr.
1927	Joseph M. Frehling		Sylvan Bloomfield		(6 months)
	M. Lester Lowry		Vernon A. Weinstein		Louis J. Lester
	C. D. Moore		Leon N. Greene		(6 months)
1928	Harold W. Goldberg				Louise F. Reda
					Kurt Roberts

* Deceased

† Residency interrupted to answer call to Armed Forces

RESIDENT STAFF

(Continued)

	Gilman E. Sanford (6 months)		Paul Metz		Maurice M. Hyman
	Norman B. Bloom		Irving D. Steinhardt		Jacob Kraft
	Jacob B. Burke		Louis Burke		Samuel G. Reisman
	Samuel H. Cohn		Eugene W. Friedman		Cesar Mishaan-Pinto (6 months)
	Kenneth M. Gang (6 months)		Irwin A. Ginsberg	1951	N. R. Amesur
	Oscar Greene		Felix Heimberg		Alexander Bellwin (6 months)
	Aaron Grollman		Robert A. Herfort		Ralph Colp, Jr.
	George D. Hoffeld		Ben Rosner		James L. Eliasoph
	Harry A. Lotman	1949	Henry M. Trask		Benjamin J. Feldman
	M. Judson Mackby		Herman D. Zeifer		Russell Goldbaum
	Leon H. Sherman		Emil L. Barrows		†Norman N. Gray (7 months)
	Walter J. Spinrad		Melvin B. Fishman		David Kramish
	Franklin Robinson (6 months)		Sidney S. Kaufman		Dorothy T. Marks
1947 *	Ben F. Bryer		Saul B. Meltzer		†Chester J. Semel (7 months)
	Menahem Cooperstein		Irving H. Parnes		T. R. Motwani (6 months)
	Albert E. Cremer		Milton J. Pearl		Harold M. Unger
	David Elkin (7 months)		Leonard J. Roberts	1952	Luis A. Vallecillo
	Alfred I. Frankel		Herbert Sandick		Aditya Barman (6 months)
	Wallace Green		Herman S. Shapiro		Stanley S. Brodoff
	John R. Herman		Lester Steppacher		Ching-Hsien Chiang
	Felix A. Kantrowitz		Joseph Brisbane		Jean-Claude Caron (6 months)
	Stanley A. Kornblum		Sidney H. Cohen		Udayanath Dash (6 months)
	Stanley L. Lane		Joseph Dwek		†Bruce Friedman
	Harold Lear		Charles E. Friedgood		Alvin Kahn
	Murray N. Levin		Stephen L. Gans		Hendrik J. W. Marcella
	Hyman J. Levine	1950	Sidney B. Gordon		Robert Paradny
	Jacob B. Mandel		Herbert M. Jacobs		Arthur O. Schilp
	David Orringer		Alfred A. Pomeranz		Gopal C. Sharma
	Benjamin A. Payson (6 months)		Richard M. Alexander		Edgardo V. Zavala
	Frank Rathauser		Necmettin Ayangolu (6 months)		†Burton Bronsther (6 months)
	Joseph H. Sherman (9 months)		Alvin A. Bakst		†Jaime Martinez (6 months)
1948	Gilbert S. Goldman		Milton A. Chetlin		†Russell Goldbaum (6 months)
	Jerome S. Harris		Courtney Sih-Kang Chou (6 months)		
	Henry J. Heimlich		Cyril J. Jones		
	Leonard Levin-Epstein		Walter Leff		
	Harold A. Masters		Julian J. Leichtling		
	Alexander P. Maybarduk		Charles Polivy		
	Abba A. Messe		George Robinson		
			Melvin B. Victor (6 months)		
			Milton Virshup		

Medicine

1908	Julius Kaunitz		*Morris H. Kahn	1921	Selian Hebal
1909	J. Russell Verbyrycke	1915	Edward Mahler	1922	Allan I. Mann
1910	*Jacob Wisansky	1916	Joseph D. Kelley	1923	*Stanley S. Myers
1911	*Joseph Rosenthal	1918	Joseph Rosenfeld	1924	Bernard Appel
1912	Oris S. Warr		Joseph Reiss	1925	Samuel Schindelhelm
1913	A. B. James	1919	Hubert Mann	1927	Abraham M. Schaefer
1914	B. M. Dear	1920	Louis Sacks	1928	Henry Z. Goldstein
				1929	Max E. Panitch

* Deceased

† Residency interrupted to answer call to Armed Forces

RESIDENT STAFF

(Continued)

1930	Bernard S. Brody	1939	Milton H. Adelman	1945	Mindel R. Erdberg
1931	Harold A. Abel		Morris H. Kreeger	1946	Jacob Stone
1932	Harry Yarnis	1940	William Kaufman		Harold S. Arai
1933	Frank A. Bassen		Martin A. Zionts		Morton H. Halpern
1935	Abraham Penner	1941	Charles Ressler		Jerome D. Markham
1936	Samuel Baer		Sidney S. Greenberg		Sidney Storch
1937	David E. Scheinberg	1942	George J. Sabrin		Hyman Zuckerman
	William Finkelstein	1943	Roy Hyde	1947	Marvin C. Becker
	Albert Cornell		Arthur A. Briskier		John J. Bookman
1938	Herman G. Helpern	1944	Naomi Kaplan		Martin C. Rosenthal
	Philip M. Gottlieb		William Frank		Leonard Stone

Ward Services

Neurology

1924	William Malamud	1937	Morris M. Kessler	1947	Alvin I. Goldfarb
	David Rothschild		L. M. Weinberger		Jack G. Sheps
1925	M. W. Bergman		Jerome E. Alderman		(6 months)
	David I. Arbuse	1938	Mark G. Kanzer		Mortimer Ostow
1926	Herman G. Selinsky		Edwin A. Weinstein		Sidney M. Cohen
	Sol W. Ginsburg	1939	Eugene P. Mindlin	1948	Joseph A. Epstein
1927	*Jacob J. Kasanin		Hyman E. Yaskin		Leonard I. Malis
1928	Lewis J. Doshay	1940	Bertram Schaffner		Morton Marks
	Walter Bromberg		Sydney G. Margolin	1949	N. Wm. Winkelman, Jr.
1929	William Berman	1941	Milton Sapirstein		Leroy S. Sugarman
	Isabel Globus		Aaron Stein		Louis J. Micheels
	P. Goolker	1942	Paul G. Myerson		Philip S. Bergman
1930	Lewis H. Loeser		Avraam T. Kazan	1950	William H. Bloom
1931	Paul Sloane	1943	†Jack G. Sheps		Arthur W. Epstein
	Bernard S. Brody		(7 months)		Robert Jaffe
1932	William Schick		Sidney Levin		Howard P. Krieger
	Samuel A. Sandler		John L. Simon	1951	Bruce L. Ralston
	Louis Levenstim	1944	Irma H. Gross		Gerald S. Klingon
1933	Daniel E. Schneider	1945	Richard B. Drooz		Peter Laderman
	Jacob H. Friedman	1946	Sidney Berman		Herman W. Blankenberg
1934	Abram Blau		Kenneth M. Gang		(6 months)
	Morris B. Bender		Stanley Stellar	1952	Daniel S. Feldman
1935	Norman Reider		Benedict J. Bernstein		Howard Z. Joselson
	Sidney Tarachow		Bernard D. Fine		Meyer Sutton
1936	Norman A. Levy				

Otolaryngology

1924	Louis Kleinfeld	1935	Benj. I. Allen	1945	Relvert J. Coe
1925	Samuel Rosen	1937	A. H. Neffson		Joseph Freeman
1927	Joseph G. Druss	1938	Lester L. Coleman	1946	Charles H. Rosenberg
1928	Irving B. Goldman	1939	Samuel M. Bloom		Joseph Kolker
1929	Ben Z. Steine	1940	Michael S. Zeman	1947	Jacob S. Aronoff
1930	Harry Rosenwasser	1941	Leonard S. Bases	1948	Oscar Carp
1931	Joseph L. Goldman	1942	Jacob S. Aronoff		Jesse Fuchs
1932	William J. Hochbaum		Nathan Adelman	1949	Joseph Freeman
1933	Max L. Som	1944	Leon M. Arnold	1950	Charles H. Rosenberg
1934	Eugene R. Snyder		Jacob L. Greif	1951	James S. Baum
				1952	Sidney S. Feverstein

* Deceased

† Residency interrupted to answer call to Armed Forces

RESIDENT STAFF

(Continued)

Pediatrics

1924	Philip Cohen		Sidney Blumenthal		Mary E. Hyman
	Alfred Nathans		Arthur Lesser		(6 months)
	(6 months)	1937	*Samuel B. Weiner		Harold M. Goldstein
1925	E. Gordon Stolloff		Jean Pakter	1948	Maurice J. Keller
	Isabel Beck	1938	Howard G. Rapaport		Robert M. Heavenrich
1926	Samuel Karelitz		*David B. Davis		Robert D. London
	Samuel J. Levin	1939	Victor L. Szanton	1949	Bennett L. Gemson
1927	Alfred E. Fischer		Jacob Danciger		Janice T. Nightingale
	Gustave F. Weinfeld	1940	Herschel J. Kaufman		(6 months)
1928	Abbot L. Winograd		Arnold Wideman		Richard N. Reuben
	Harry S. Mackler	1941	Ralph E. Moloshok	1950	Cecil Abraham
1929	Moses R. Buchman		Herman Anfanger		(8 months)
	Sidney D. Leader	1942	Philip J. Kresky		Michael L. Gilbert
1930	David Beres		Alfred L. Florman		Cho-Yuen Lo
	Peter Vogel	1943	*Jerome W. Greenbaum		(6 months)
1931	Jacob L. Rothstein		Eleanor Galenson		Nathan Schiffrin
	A. E. Cohen	1944	Luigi Luzzatti		Marvin H. Goodwin
1932	George J. Ginandes		Gerhard S. Nothmann	1951	Carol H. Brach
	Albert A. Rosenberg	1945	Jerome S. Beloff		Avron Y. Sweet
1933	Martin L. Stein		Sumner Hagler		Samuel O. Sapin
	Carl Zelson		Irene Shapiro	1952	Gladys A. Fish
1934	Louise Rauh	1946	Jorge E. Howard		Avrum L. Katcher
1935	Jacob Brem		Sidney Wachtell		Harry King
	Samuel Ehre	1947	William Obrinsky		Norman B. Schell
1936	Howard C. Leopold		Arthur Robinson		Shirley M. Stone

Gynecology

1924	Arthur Katzenstein	1934	Sidney N. Mendelsohn	1943	Charles S. Poole
	Karl Polifka		U. J. Salmon		Herman I. Kantor
1925	Morris R. Matus	1935	Robert Turell	1944	Richard H. Marshak
	Seymour		H. Melvin Radman		Norman M. Weinrod
	Wimpfheimer	1936	Emanuel Klempner	1945	Irving Fain
1926	Howard A. Power		Robert I. Walter		Meyer D. Schnell
	Edward A. Horowitz	1937	Norman Margolius	1946	David Zakin
1927	Frank Spielman		Herbert F. Newman		John F. MacGuigan
1928	Jacques D. Soifer	1938	Arthur M. Davids	1947	Louis S. Lapid
	Alan F. Guttmacher		Phoenix M. Sales		Harvey K. Mechanik
1929	Oscar Glassman	1939	Nathan Mintz		Bernard D. Stollman
	Benjamin E. Urdan		Jack Squire	1948	Jacob B. Burke
1930	Maurice Feresten	1940	Norbert B. Reicher		Robert Landesman
	Irving Nachamie		Irving L. Frank	1949	Myron E. Steinberg
1931	Mervin A. Henschel	1941	Aaron L. Lichtman		Irwin Weiner
	Phineas Bernstein		Louis S. Lapid	1950	Louis Burke
1932	Henry A. Baron	1942	†Harold Bengloff		Robert L. Feldman
	Joseph A. Gaines		(6 months)	1951	Arnold N. Fenton
			George C. Escher		Theodore I. Jacobus, Jr.

* Deceased

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RESIDENT STAFF

(Continued)

Ophthalmology

1928	David Wexler	1939	Louis C. Ravin	1947	Robert Lateiner
1929	*Robert K. Lambert	1940	Herman K. Goldberg		Mortimer Choltz
1930	Murray A. Last	1941	Milton G. Ross		(6 months)
1931	Saul Miller	1942	Alan H. Barnert	1948	William I. Glass
1932	Herman I. Weiss	1943	Herbert M. Katzin	1949	Gerald M. Branower
1933	Samuel L. Saltzman	1944	Sylvan Bloomfield		Marvin Posner
1934	A. L. Kornzweig		Virginia L. Lubkin	1950	Edward L. Seretan
1935	Nathan S. Rubin	1945	Morris Feldstein	1951	William G. Toll
1936	Frederick H. Theodore	1946	Leo D. Kellerman	1952	Robert S. Coles
1937	Jacob Goldsmith		Milton Greenberg		†David L. Krohn
1938	Frank M. Green				

Orthopedic Surgery

1938	Samuel R. Rubert	1945	Paul C. Wiesenfeld	1950	Irving V. Glick
1939	Otto Lehmann	1946	Ralph L. Citron		(6 months)
1940	Alvin M. Arkin		Philip T. Schlesinger	1951	Joseph W. Copel
1941	†Joel Hartley	1947	Monroe Schneider		†Bertram M. Kummel
1942	Henry S. Wieder, Jr.		Julius Schneiderman	1952	Roy S. Temeles
1943	Irving V. Glick	1949	Robert Siffert		
1944	Abraham L. Umansky		Jacob F. Katz		
	(6 months)		Stanley S. Tanz		

Radiology

1921	Sidney H. Levy		Gerald J. Bernath		Sidney Axelrod
1922	Rubin Lavine	1933	Mitchell Burdick		(Roentgenology)
	Barnett P. Freedman		Gayland L. Hagelshaw		Harry Naidich
1923	Harry S. Olin	1934	Israel Kirsh	1945	Joan J. Lipsay
	Harry Gross		Edward D. Sherman		(Roentgenology)
1924	Irving Schwartz	1936	Irving I. Cowan		Mortimer Lubert
	Max Newer		Joseph Jellen		(Radiotherapy)
1925	Jacob R. Freid		Benjamin Copleman	1946	Abraham Marvisch
	Nathaniel H. Robin	1937	Max Schenck	1947	Sydney B. Lewis
	Emanuel J. Wexler		Marston T. Woodruff		Abraham Geffen
1926	William Snow	1938	Arnold L. Bachman		Mortimer Hermel
	Sol. Taubin		Robert J. Ruby		Norman Simon
1927	Albert Kean	1939	Lester Freedman	1948	Sigmund A. Brahms
	Samuel Poplack	1940	Jack H. Levy		Emanuel Salzman
	Samuel Sinberg		Nathan Rudner	1949	Victor Kremens
1928	Carye-Belle Henle	1941	Harold G. Jacobson		William A. Henken
	Benjamin J. Sax		Abraham Melamed		Samuel L. Feder
	Emanuel W. Benjamin	1942	Bernard S. Wolf		Leland R. Felton
1929	Myer E. Golan		Joseph W. Kohn	1950	Norman E. Berman
	Charles Lipsky		(Roentgenology)		(Radiotherapy)
	Samuel Richman		Warren Zager		Myron Melamed
			(Radiotherapy)	1951	Harry J. Perlberg, Jr.
1930	Isidore Klein	1943	Richard H. Marshak		Yu-Shang Chang
	Saul J. Tamarkin		(Roentgenology)	1952	Sanford G. Bluestein
1931	Harry Herscher		Theodore Meranze		Herbert Fisher
1932	Simon Shulman	1944	Laszlo Ehrlich		Harry Kane
	Louis E. Zaretski		(Roentgenology)		Howard S. Miller

* Deceased

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RESIDENT STAFF

*(Continued)**Surgery*

1942	Albert S. Lyons	1947	Bernard P. Robinson		Richard Alexander (6 months)
	†Bernard E. Simon		Samuel Diener	1951	Joseph Brisbane
1943	Elliott S. Hurwitt		Louis J. Lester		Irving H. Parnes
	Daniel Luger		Leon D. Star		Alfred Pomeranz
	Arnold J. Rawson	1948	David Elkin		Dorothy T. Marks (6 months)
1944	Daniel Burdick		Stanley L. Lane		Joseph N. Attie (6 months)
	Paul A. Kirschner		Leon D. Star		Melvin B. Victor (6 months)
	Ernest L. Sarason	1949	Hyman J. Levine		
1945	Stanley L. Glickman		David Orringer		
	Abraham L. Umansky		Frank Rathausser		
1946	David A. Dreiling	1950	Milton J. Pearl	1952	Nirmal-Chandra R. Amesur
	Selwyn Z. Freed		Lester Steppacher		Alvin A. Bakst
	Aaron J. Gissen		Herman D. Zeifer		David Kramish
	Robert A. Nabatoff		Julius J. Leichtling (6 months)		George Robinson

Medicine

1942	Bernard M. Schwartz		Edward H. Roston		Mortimer E. Bader
	Emanuel B. Schoenbach		Abraham Saltzman		Richard A. Bader
1943	Alvin J. Gordon		Gene H. Stollerman		Samuel K. Elster
	Morley J. Kert		Robert S. Wallerstein		Aaron D. Freedman
1944	Jacques L. Gabrilove	1949	Stuart S. Asch		Henry H. Ludemann
1945	Reuben Merliss		Mark Eisenbud		Esar G. Margolin
	Edwin S. Olsan		Seymour E. Rosenthal		Sanford Pariser
1946	Ezra M. Greenspan		Stanley L. Slator		Marcus A. Rothschild
	Matthew O. Locks		Robert L. Zimmerman		Philip Samet
	R. Stanley Bank		Sidney P. Zimmerman		Robert D. Seely
	Nathaniel B. Kurnick		Chester Cassel		Alfred J. Bollet
	Jonas H. Sirota		Donald S. Kent		Ruth E. Cortell
1947	Daniel K. Adler		Ira A. Rashkoff (6 months)		Robert A. Gerber
	Morton S. Bryer		Louis B. Turner		Melville G. Magida
	Mack Fieber		Joseph R. Kuh	1952	†Joseph G. Parker (6 months)
	Daniel H. Goodman		Bernard R. Rowen		A. David Etes
	Irving G. Kroop		Louis E. Schaefer		Edwin L. Garlett
	William R. Woolner	1950	Mortimer J. Blumenthal		Stanley E. Gitlow
	Stephen B. Yohalem		Edward B. Crohn (9 months)		David J. Hamerman
	Henry D. Janowitz		William R. Dorrance		Donald M. Kanter
	Samuel R. Klibanoff		Stanley R. Drachman		Stanley S. Kogut
	Karl Paley		Kurt Elias		Leslie A. Kuhn
1948	Frederick M. Epstein		Joseph Kolker		Sidney S. Schreiber
	Samuel L. Feder		Marvin F. Levitt		Martin Sternstein
	Leonard W. Jarcho		Donald J. Rosenthal		Franklin H. Streifeld
	Stanley L. Lee		Abraham Saltzman		Stanley R. Drachman
	Arthur W. Ludwig		Donald S. Kent		Samuel K. Elster
	Ira A. Rashkoff		Daniel S. Kushner		Israel Glazer
	Hilliard Spitz		Howard L. Moscovitz		Hilliard W. Himes
	Robert M. Berne		Edward Schulman		Daniel S. Kushner
	Alfred P. Fishman		Franklin H. Streifeld		Dorothy T. Marks
	Sidney R. Michael	1951	Edward Adelson		Howard L. Muscovitz
	Leonard L. Madison				Lawrence I. Schwartz

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RESIDENT STAFF

*(Continued)**Anesthesiology*

1940	Irma Back		Leon G. Kamras		1952	Amy V. Mills
1947	Julius Barcham	1950	Abraham J. Levine			Paul Kushner
	Jack E. Clare	1951	Stephanie Shich			Kailash N. Sharma (6 months)
1948	Bernard R. Margolius		Bao Cheng Lee			Arthur Biezunski
1949	Robert A. Berman		Isidore Zerlin			
	Abraham Hochberger		Elliott Jacobson			

Physical Medicine

1947	Leonard J. Yamshon
1948	Bruce B. Grynbaum

Dermatology

1948	Kai Keng Li	1950	Julian J. Goodman	1952	Salomao S. Amram
1949	Bronia Finkler	1951	Paula Stern		

Psychiatry

1948	Edward D. Joseph		Paul E. Kaunitz (8 months)		M. Bernard Hecht
	Oscar Sachs			1952	Joseph C. Sabbath
1949	Benedict J. Bernstein	1950	Hyman Bolocan		Hannah Ekaireb
	Geo. W. Naumburg, Jr.	1951	Leonard A. Weinroth		

Urology

1948	Lester Narins	1951	Leonard M.	1952	Murray B. Pincus
1949	Joseph H. Sherman		Levin-Epstein		†Charles Kessler
1950	Harold A. Lear	1951	Joseph J. Kaufman		

Neurosurgery

1950	Leonard A. Malis		Ralph J. Greenberg	1952	I. Melbourne Greenberg
1951	Paul Teng		Samuel Resnikoff (6 months)		

ADMITTING PHYSICIANS

1908-1911	Max Rosenberg	1929	Samuel H. Averbuck
1912-1913	*H. W. Emsheimer	1930	Herman Zazeela
1914-1915	Daniel Poll	1931	Isidore Schapiro
1916	David Beck	1931-1933	Rose Spiegel
1917-1918	Joseph Harkavy	1934	Herman S. Roth
1919	Asher Winkelstein	1935	Hyman Levy
1920-1921	*Philip Finkle	1936	D. Alfred Dantes
1922	Leon Ginzburg	1937	Alan N. Leslie
1923	Arthur M. Master	1938	Herman I. Kantor
1924	Coleman B. Rabin	1939	Jules L. Whitehill
1925-1927	Lewis E. Persoff	1940	Irving Solomon
1928	Sidney Grossman	1941	Gerson J. Lesnick
	Elmer S. Gais	1942	Selvan Davison

* Deceased

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HOUSE STAFF

(As of January 1, 1953)

INTERNS

Medicine and Surgery

Edward H. Bergofsky, M.D.
James S. Bernstein, M.D.
Herman Black, M.D.
Eugene Braunwald, M.D.
Albert H. Cline, M.D.
Elliott S. Cohen, M.D.
Maurice Dunst, M.D.
Robert Feldman, M.D.
Gabriel Genkins, M.D.
Richard W. Goldsmith, M.D.
Jacob I. Hirsch, M.D.
Peter Kornfeld, M.D.

Alfred Lazarus, M.D.
Irwin A. Levinson, M.D.
Amos H. Lieberman, M.D.
Isidore Mandelbaum, M.D.
Joseph Roshe, M.D.
Harold C. Sadin, M.D.
William J. Shapiro, M.D.
Robert Silbert, M.D.
Herman W. Spater, M.D.
Joseph Steg, M.D.
Jonathan W. Uhr, M.D.
Robert L. Wolf, M.D.

Dentistry

Stanley Levin, D.D.S.
Paul Levine, D.D.S.

Martin E. Kantor, D.D.S.
Benjamin M. Rubin, D.D.S.

RESIDENTS

Medicine

Salomao S. Amram, M.D.
Gerald Besson, M.D.
Marvin R. Blumenthal, M.D.
Alfred J. Bollet, M.D.
Elaine T. Bossak, M.D.
Gerald Brill, M.D.
Solomon I. Griboff, M.D.
Archie Handler, M.D.
Lester B. Hollander, M.D.
Jonah D. Kosovsky, M.D.
Sherman Kupfer, M.D.
Martin Kurtz, M.D.
Ernest L. Levinger, M.D.
Arnold B. Ritterband, M.D.
Herman A. Schwartz, M.D.
Eric G. Schweiger, M.D.
Robert D. Seely, M.D.
Robert L. Segal, M.D.
Max G. Sherer, M.D.
Richard Thurm, M.D.

Neurology

Nunjo Finkel, M.D.
Leonard Harris, M.D.
Mannuccio Mannucci, M.D.
Walter Sencer, M.D.
Hans H. Stroo, M.D.

Psychiatry

Harry Diener, M.D.
Daniel S. Feldman, M.D.
Mayer Fisch, M.D.

Pediatrics

Donald K. Adler, M.D.
Robert H. Marshall, M.D.
Virginia E. Pomeranz, M.D.
Julian Orleans, M.D.
Reuben G. Reiman, M.D.
Joseph H. Rosenthal, M.D.
Alan S. Zisman, M.D.

Dermatology

George Kiourtsis, M.D.

Surgery

Stanley S. Brodoff, M.D.
Ralph Colp, Jr., M.D.
Robert Paradny, M.D.
Luis A. Vallecillo, M.D.
Harold M. Unger, M.D.

Neurosurgery

Eli Peyser, M.D.
M. Bernard Winkler, M.D.

RESIDENTS

(Continued)

Urology

Leonard Biel, Jr., M.D.
Ching-Hsien Chiang, M.D.
Edward J. Frishwasser, M.D.

Obstetrics and Gynecology

Albert Altchek, M.D.
Alexander Bellwin, M.D.
Herbert Chessin, M.D.
J. Conrad Greenwald, M.D.
Solomon Kaplan, M.D.
Bernard Kredentser, M.D.
Saul Lerner, M.D.
David J. Rose, M.D.
Leonard H. Shapiro, M.D.
Joseph Wallace, M.D.

Ophthalmology

Robert W. Collier, Jr., M.D.

Orthopedic Surgery

Jean-Claude Caron, M.D.
Alvin Schwartz, M.D.
Norman J. Silver, M.D.

Otolaryngology

Chaim W. Ayzenberg, M.D.
Michael R. Bosiacki, M.D.

Anesthesiology

Sidney S. Becker, M.D.
Joseph Constantini, M.D.
Rowena Li, M.D.
Harold Shifrin, M.D.
Harold Sobel, M.D.
Ernest A. Stern, M.D.

Laboratories

Howard D. Dorfman, M.D.
Klaas P. Honig, M.D.
Miriam Moldveen, M.D.
Joseph K. Perloff, M.D.
Mildred Phillips, M.D.
J. Lawrence Werther, M.D.

Hematology

Martin Sanders, M.D.

Radiology

Julian E. Abrams, M.D.
Joan Eliasoph, M.D.
Mansho T. Khilnani, M.D.
Harold N. Margolin, M.D.
Jack L. Melamed, M.D.
Stuart I. Gurman, M.D.

Physical Medicine

Norman Borken, M.D.

Private and Semi-Private Pavilions

Surgery

Leonard L. Deitz, M.D.
Guatam Diesh, M.D.
Joseph Dwek, M.D.
Hertzel Kook, M.D.
Alvin Lebendiger, M.D.

Joseph M. Levin, M.D.
Isaak Losecaat Vermeer
Arthur E. Schwartz, M.D.
Virendra N. Sharma, M.D.
Giorgio Zeri, M.D.

Extracts from the Constitution on Establishment of Life, Memorial and Perpetual Beds and Other Funds

- A contribution of \$2,500 to the general funds of the corporation, if accepted by the Board of Trustees, shall establish a Life Bed. Such contribution shall entitle the donor thereof, during his or her lifetime, to name a patient from time to time to occupy one bed in the wards of the Hospital, free of charge.
- A contribution of \$3,500 to the general funds of the corporation, if accepted by the Board of Trustees, shall establish a Memorial Bed. Such a contribution shall entitle the donor thereof, during his or her lifetime, to name a patient from time to time to occupy one bed in the wards of the Hospital, free of charge. Such donor may bequeath that right to a successor appointed by the said donor in his or her last will and testament, or by any other instrument under seal. In the event of such successor being appointed, the rights hereinbefore mentioned shall continue for a period of not over fifty years from the date of such contribution, provided, however, that such period shall be extended so that it shall in no event end until ten years after the death of the donor. When a corporation is the donor, the privilege shall expire at the end of twenty-five years from the date of such contribution.
- A contribution of \$5,000 to the general funds of the corporation, if accepted by the Board of Trustees, shall establish a Perpetual Bed in the Children's Pavilion. Such contribution shall entitle the donor thereof, during his or her lifetime, to name a patient from time to time to occupy one bed in the wards of the Children's Pavilion, free of charge. Such donor may bequeath that right to a successor appointed by said donor in his or her last will and testament, or by any other instrument under seal. In the event of such successor being appointed, the rights hereinbefore mentioned shall continue for a period of not over fifty years from the date of such contribution, provided, however, that such period shall be extended so that it shall in no event end until ten years after the death of the donor. When a corporation is the donor, the privilege shall expire at the end of twenty-five years from the date of such contribution.
- A contribution of \$7,500 to the general funds of the corporation, if accepted by the Board of Trustees, shall establish a Perpetual Bed, but where, under the provision of any will executed prior to March 20, 1921, the sum of \$5,000 or more is bequeathed to the corporation in payment of any Perpetual Bed, the Board of Trustees may, at their option, accept such sum in payment of such Perpetual Bed. Such contribution shall entitle the donor thereof, during his or her lifetime, to name a patient from time to time to occupy one bed in a ward of the Hospital, free of charge. Such donor may bequeath that right to a successor appointed by said donor in his or her last will and testament, or by any other instrument under seal. In the event of such successor being appointed, the rights hereinbefore mentioned shall continue for a period of not over fifty years from the date of such contribution, provided, however, that such period shall be extended so that it shall in no event end until ten years after the death of the donor. When a corporation is the donor, the privilege shall expire at the end of twenty-five years from the date of such contribution.
- Tablets to commemorate the establishment of Life, Memorial, and Perpetual Beds shall be placed in a ward or in such other place as may be set aside for the purpose. Tablets for Life Beds shall be maintained during the life of the donor. Tablets for Memorial Beds shall be maintained for a period not beyond fifty years from the date of their establishment, provided, however, that such period shall be extended so that it shall in no event end until ten years after the death of the donor. Tablets for Perpetual Beds shall be maintained in perpetuity.
- A donor may change a Life Bed established by him or her to a Memorial Bed by making an additional contribution of \$1,000, or to a Perpetual Bed by making an additional contribution of \$5,000, or may change a Memorial Bed to a Perpetual Bed by making an additional contribution of \$4,000.
- No patient shall be admitted to the privileges pertaining to a Life, Memorial, or Perpetual Bed unless he shall comply with the current rules of the corporation and be a proper subject for treatment under its regulations.
- An endowment for the establishment of any special fund may be accepted by a resolution of the Board of Trustees. Such fund may be created for special or general purposes under the name of one or more persons or otherwise. If created for a special purpose the fund shall be used only for that purpose. Additions to any fund may be made at any time and in any amount, but no fund shall be created with an initial endowment of less than \$10,000.
- Gifts of any sums whatsoever may be made to one or more special funds for non-budgetary purposes, the principal and income of which may be appropriated by the Board of Trustees as the needs may arise for purposes not covered by the regular budget of the corporation.
- In the case of a bequest which does not in all respects conform to the conditions herein set forth, the Board of Trustees may, in its discretion, accept the same in accordance with the provisions of such bequest.





